

**STARKE-SEYBOLD**

**LIMITED**

**WHOLESALE HARDWARE**

**MONTREAL**

**CANADA**



NUMBER ~~1234~~  
ISSUED TO

THIS CATALOG IS THE PROPERTY OF, AND  
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Don







**1923**  
CATALOGUE  
*of*  
GENERAL HARDWARE  
*and*  
ACCESSORIES



Starke-Seybold, Limited

14 to 26 ST. PETER STREET

MONTREAL



1885

1885

CHURCH OF THE

WORLD



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## Foreword To Our Clientele

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**W**E have pleasure in presenting this, the first edition of our General Hardware Catalogue, in which we have sought to illustrate and describe accurately the various items which we distribute. The condensed form of listing will be found advantageous in ordering, as most articles of a kind are listed on a page permitting of comparisons to be readily made.

Many price changes have taken place while this book has been on the press and we are therefore unable to guarantee the accuracy of list prices shown herein; all orders entrusted to our care will however be filled at the lowest prevailing prices.

We trust you will adopt this book as your guide in ordering goods and that it will prove to be the bond between us that we have had in mind in its issuance.

STARKE-SEYBOLD, Limited

1923.







# TOOL SECTION





## FAMOUS TOOL MAKERS WHOSE PRODUCT WE SELL

ATKINS.....	Saws, Scrapers, Trowels.
DISSTON.....	Saws, Trowels, Levels.
GILMORE.....	Augurs and Augur Bits.
HELLER.....	Farriers Tools, Rasps, etc.
HUNT.....	Hammers, Sledges, Trowels.
KRAEUTER.....	Pliers, Chisels, Punches.
LUFKIN.....	Tapes and Rules.
MILLERS FALLS.....	Drills, Boring Machines, etc.
NORTH BROS.....	"Yankee" Tools.
NICHOLSON.....	Files and Rasps.
PEXTO.....	Hammers, Pliers, Snips.
RED DEVIL.....	Screw Drivers, Wrenches, Pliers.
SAND.....	Carpenters and Mason Levels.
SHURLY.....	Arrowhead Saws of all kinds.
STANLEY.....	Braces, Levels, Planes, Squares.
STARRET.....	Machinist and Mill Tools.
WILLIAMS.....	Wrenches, Hammers, Vises, etc.
WISS.....	Shears, Scissors, Snips, etc.

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No.	Finish
12	Polished
F2	Polished
F4	Polished
14	Polished
14B	Blued
3	Polished
3B	Blued
100	Polished

No.	Finish
R1	Polished
R100	Polished

No.	Finish
49A	Polished
49G	Galvanized



# Carpenters' Squares

## HOW TO USE A SQUARE

### BRACE MEASURE

The Brace Measure Table contains the usual lengths of braces and covers runs from 18 inches to 60 inches. The run is given in the two left hand numbers. Thus  $\frac{1}{4}$  means 48 inches each way from the corner. The length of the brace will be found just to the right of these two numbers. This may be quickly and accurately laid off on a brace pattern by means of the Hundredth Scale.

### HUNDREDTH SCALE

The Hundredth Scale is used in connection with the Brace Measure Table or any table containing decimal fractions. It will be found near to the Brace Measure Table.

### ESSEX BOARD MEASURE

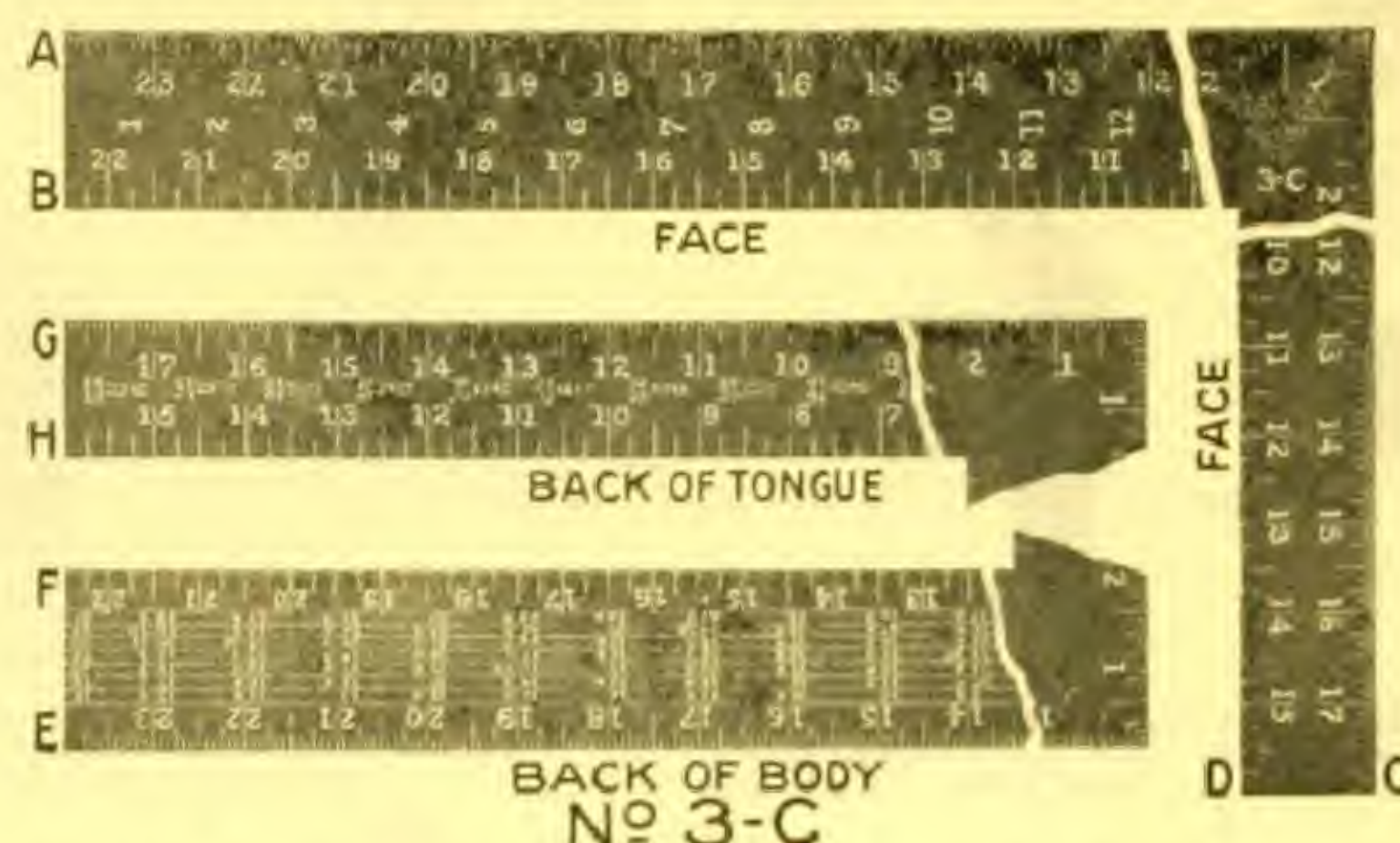
The Essex Board Measure Table gives the square feet and twelfths of square feet in any size board. To use, find the width in inches along the top edge. Next find the length in feet in the table under the number 12. Follow the line bearing this number until it intersects the inch mark representing the width. To the left of the intersection will be found the number of square feet and to the right the fraction of a square foot in twelfths. To find the feet board measure in boards over 1 inch thick multiply this result by the thickness in inches.

### RAFTER TABLE

The Rafter Table is for finding the length of rafter required when the pitch of the roof and the run of the rafter are known. The graduation figures above the table represent the run of the rafter. The pitch will be found at the left end of the table and the required rafter length in feet, inches and twelfths of inches on the line representing the pitch and under the figure representing the run of the rafter.

### OCTAGON SCALE

The Octagon or "8" Square Scale is on the face of the tongue and is for laying out an eight sided figure on a square stick so that when the corners are chamfered off to these lines the lumber will have eight equal sides. The rule is to lay off  $\frac{1}{24}$  of the width of the timber on each side of the centre for each inch in width. The marks on the scale are  $\frac{1}{24}$  of an inch apart and each space is correct for one inch. That is for a square 5 inches on a side, five spaces would be taken.



The illustration shows the markings on No. 3 square and its letters are a guide to which the graduations refer in the listing below.

### STEEL FRAMING

No.	Finish	Body	Tongue	Scales	A	B	C	Graduations		F	G	H	Weight per doz.	
								D	E				lbs.	Each
12	Polished	12x1 $\frac{1}{2}$	8x1		$\frac{1}{16}$	$\frac{1}{8}$	$\frac{1}{16}$	$\frac{1}{8}$	$\frac{1}{12}$	$\frac{1}{8}$	$\frac{1}{12}$	$\frac{1}{8}$	9	\$3.00
F2	Polished	24x1 $\frac{1}{2}$	12x1		$\frac{1}{8}$	$\frac{1}{4}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{4}$	16	\$2.00
F4	Polished	24x2	12x1 $\frac{1}{2}$		$\frac{1}{8}$	$\frac{1}{4}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{4}$	21	\$2.20
14	Polished	24x2	18x1 $\frac{1}{2}$	Essex	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{4}$	27	\$3.20
14B	Blued	24x2	18x1 $\frac{1}{2}$	Essex	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{4}$	27	\$4.50
3	Polished	24x2	18x1 $\frac{1}{2}$	Brace, Essex	$\frac{1}{16}$	$\frac{1}{8}$	$\frac{1}{16}$	$\frac{1}{8}$	$\frac{1}{12}$	$\frac{1}{8}$	$\frac{1}{12}$	$\frac{1}{8}$	27	\$3.40
3B	Blued	24x2	18x1 $\frac{1}{2}$	Brace, Essex	$\frac{1}{16}$	$\frac{1}{8}$	$\frac{1}{16}$	$\frac{1}{8}$	$\frac{1}{12}$	$\frac{1}{8}$	$\frac{1}{12}$	$\frac{1}{8}$	27	\$4.60
100	Polished	24x2	18x1 $\frac{1}{2}$	Brace, 100th scale, Essex and Octagon	$\frac{1}{16}$	$\frac{1}{8}$	$\frac{1}{16}$	$\frac{1}{8}$	$\frac{1}{12}$	$\frac{1}{8}$	$\frac{1}{12}$	$\frac{1}{10}$	27	\$4.00

Quarter dozen in box

### STEEL RAFTER

No.	Finish	Body	Tongue	Scales	A	B	C	Graduations		F	G	H	Weight per doz.	
								D	E				lbs.	Each
R3	Polished	24x2	18x1 $\frac{1}{2}$	Rafter, Brace, Essex	$\frac{1}{16}$	$\frac{1}{8}$	$\frac{1}{16}$	$\frac{1}{8}$	$\frac{1}{12}$	$\frac{1}{8}$	$\frac{1}{12}$	$\frac{1}{8}$	27	\$4.30
R100	Polished	24x2	18x1 $\frac{1}{2}$	Rafter, Brace, 100th scale, Octagon, Essex	$\frac{1}{16}$	$\frac{1}{8}$	$\frac{1}{16}$	$\frac{1}{8}$	$\frac{1}{12}$	$\frac{1}{8}$	$\frac{1}{12}$	$\frac{1}{10}$	27	\$5.50

Quarter dozen in box

### IRON FRAMING

No.	Finish	Body	Tongue	Scales	A	B	C	Graduations		F	G	H	Weight per doz.	
								D	E				lbs.	Per dozen
493	Polished	24x1 $\frac{1}{2}$	12x1		$\frac{1}{8}$ inch—outer edge—both sides.								14	\$16.50
493G	Galvanized	24x1 $\frac{1}{2}$	12x1		$\frac{1}{8}$ inch—outer edge—both sides.								14	\$21.00

Half dozen in box



## Nail Hammers



No. 1B—Extra Tool Steel; Plain Poll; polished. Weight, 1 lb. each, not including handle. Weight per dozen, 20 lbs. Per dozen \$28.60

No. 1A—Weight each, 1 lb. 4 ozs., not including handle, otherwise same as No. 1B. Weight per dozen, 23 lbs. Per dozen \$29.70

One-half dozen in box



No. 2—Extra Tool Steel; Bell Face; polished. Weight, 1 lb. 4 ozs. each, not including handle. Weight per dozen, 23 lbs. Per dozen \$29.70

No. 2A—Weight each, 1 lb., not including handle, otherwise same as No. 2. Weight per dozen, 20 lbs. Per dozen \$28.60

No. 2B—Weight each, 13 ozs., not including handle, otherwise same as No. 2. Weight per dozen, 14 lbs. Per dozen \$28.00

No. 2C—Weight each, 7 ozs., not including handle, otherwise same as No. 2. Weight per dozen, 11 lbs. Per dozen \$27.50

One-half dozen in box



No. 32—Cast Steel; Plain Poll; adze eye; polished. Weight each, not including handle, 1 lb. Weight per dozen, 18 lbs. Per dozen \$22.00

One-half dozen in box



No. 33—Cast Steel; Bell Face; adze eye; polished. Weight each, not including handle, 1 lb. Weight per dozen, 18 lbs. Per dozen \$22.00

One-half dozen in box



No. 90—Plain Poll; adze eye; polished. Weight each, not including handle, 1 lb. Weight per dozen, 18 lbs. Per dozen \$11.00

One-half dozen in box.



No. 91—Bell Face; adze eye; polished. Weight each, not including handle, 1 lb. Weight per dozen, 18 lbs. Per dozen \$11.00

One-half dozen in box.



No. 99—Octagon Bell Face; adze eye; polished; select handle. Weight not including handle, 1 lb. Weight per dozen, 18 lbs. Per dozen \$32.40

One-half dozen in box

## Shoe and Tack Hammers



No. 1—Semi-Steel Shoe Hammer; japanned head with hardwood handle. Weight per dozen, 12 lbs. Per dozen \$3.20



No. 13—Ladies' Tack Hammer; fully polished; varnished hickory handle. Weight per dozen, 6 lbs. Per dozen \$9.00

One dozen in box



No. 9—Semi-Steel Tack Hammer; with tack lifter in end of handle. Length over all 10 inches. Weight per dozen, 9 lbs. Per dozen \$1.80

One dozen in box



No. N100—Upholsterer's Pattern Tack Hammer; varnished hickory handle nickel plated head. Weight per dozen, 6 lbs. Per dozen \$5.60

One dozen in box



No. 19—Magnetic Tack Hammer; hickory handle with claw. Weight per dozen, 6 lbs. Per dozen \$5.50

One dozen in box



## Miscellaneous Hammers

BALL PEIN



Ball Pein; Semi steel, polished face and pein, maple handle

Numbers	101	10H	10C
Weight without handle, lbs.	1/2	3/4	1
Weight per dozen, lbs.	9	13	16
Per dozen	\$7.00	8.00	10.00

BALL PEIN



Ball Pein; Cast Steel; octagon pattern; polished face and pein; hickory handle

Numbers	121	12H	12C	12F	12E	12D	12C
Weight without handle, lbs.	1/2	3/4	1	1 1/4	1 1/2	1 3/4	2
Weight per dozen, lbs.	9	13	16	18	23	24	30
Per doz.	\$16.00	16.00	16.00	17.50	18.50	20.00	21.00

One half-dozen in a box

CROSS PEIN



Cross Pein; Drop Forged Steel; octagon pattern; white hickory handle

Numbers	14C	14A	14AD
Size	2	4	6
Weight, each, lbs.	1 1/2	2	2 1/2
No. in box	6	4	4
Per dozen	\$31.60	35.60	39.30

One half-dozen in a box

RIVETING



Cast Steel; polished; hickory handle

Numbers	15F	15E	15D
Weight without handle, lbs.	7	9	12
Weight per dozen, lbs.	8	10	14
Per dozen	\$18.70	20.40	21.00

One half dozen in a box

BRICKLAYERS'



No. 40—Cast Steel; polished; adze eye. Weight, not including handle, 1 lb. 8 ozs. each. Complete with hickory handle. Per dozen

\$28.00

One-third dozen in a box

TINNERS'



Cast Steel; polished; hickory handle

Numbers	17H	17A
Weight without handle, lbs.	3 1/4	1
Weight per dozen, lbs.	14	17
Per dozen	\$20.90	22.00

One-half dozen in a box

TURNING



No. 61—Extra Tool Steel; polished. Weight not including handle, 2 lbs. each. Weight per dozen, 32 lbs. Per dozen

\$74.40

One-half dozen in a box

BLACKSMITHS'



Cast Steel; fully polished; hickory handle

Numbers	10C	10A
Weight without handle, lbs.	2 1/4	3
Weight per dozen, lbs.	30	42
Per dozen	\$17.00	19.30

One-third dozen in a box

FITTING



No. 62—Extra Tool Steel; polished

Weight not including handle, 2 lbs. each.

Weight per dozen, 32 lbs.

Per dozen \$74.40

One-half dozen in a box

## FARRIERS' DRIVING HAMMERS



No. 7—Cast Steel; polished; octagon poll; hickory handle. Weight, without handle, 9 ozs. each. Weight per dozen, 11 lbs. Per dozen

\$24.00

One-half dozen in a box



No. 64—Extra Tool Steel; octagon poll; straw color.

Weight, without handle, 14, 15 and 16 ozs. each. Weight, per dozen, 14 lbs. Per dozen

\$42.00

One half dozen in a box



No. 65—Extra Tool Steel; round poll; straw color. Weight, without handle, 14, 15 and 16 ozs. each. Weight, per dozen, 14 lbs. Per dozen

\$54.00

One-half dozen in a box



## Heavy Hammers and Sledges

## STRIKING HAMMERS



No. 57—Western or Long Pattern Cast Steel; oil finish; polished faces. Weight from 5 to 16 lbs. Per lb. \$0.25  
From 3 to 5 lbs in weight. Per lb. \$0.36  
Under 3 lbs in weight. Per lb. \$0.40

## MASONS' HAMMERS



No. 50—Mason's Single Face Cast Steel; oil finish; polished face. Weight from 5 to 18 lbs. Per lb. \$0.40  
From 3 to 5 lbs in weight. Per lb. \$0.50  
Under 3 lbs in weight. Per lb. \$0.55  
No. 51—Same as No. 50 except Double Face.

## SLEDGES



No. 45—Cast Steel; cross pein; oil finish; polished face and pein. Weight 5 to 16 lbs. Per lb. \$0.30  
From 3 to 5 lbs in weight. Per lb. \$0.40  
Under 3 lbs in weight. Per lb. \$0.50  
No. 46—Same as No. 45 except Straight Pein.

## Mauls

## WOOD CHOPPERS' MAULS



No. 68—Cast Steel; Oregon pattern; oval eye; oil finish. Weights 5 to 10 lbs. Per lb. \$0.35

## RAILROAD MAULS



No. 65—Cast Steel; oil finish. Weights 6 to 10 lbs. Per lb. \$0.25

## POST MAULS



No. 101—Cast Iron. Weights 12, 14 and 16 lbs. Per lb. \$0.21

## Wedges

## WOOD CHOPPERS' WEDGES



Oregon

No. 71—W. & B. Cast Steel; Oregon Pattern; oil finish. Weights 5 to 10 lbs. Per lb. \$0.25

Truckee

No. 69—Cast Steel; oil finish. Weights 4 to 10 lbs. Per lb. \$0.25

## SAW WEDGES



No. 79—Cast Steel; oil finish. Weights 1 to 2½ lbs. 1 lb size. Per lb. \$0.50  
1½ and 1½ lb. Per lb. 0.37  
2 and 2½ lbs. Per lb. 0.30

## ANVIL HARDIES



No. 83—Cast Steel Anvil Hardies; oil finish. Size of shank, ins. 1 1½ 2 2½ 3  
Weight, lbs. 1 1½ 2 2½ 3  
Per lb., all sizes. \$0.90

## AXE WEDGES



No. 3—Malleable Iron. Weight per dozen, 1½ lbs. Per dozen \$0.70

## FLATTERS



No. 84—Cast Steel Flatters with hardened face and eye for handle; oil finish. Size face, inches 2 2½ 3  
Weight each, lbs. 2 2½ 4½  
Per lb. All sizes. \$0.90

## COLD CHISELS



No. 76—Cast Steel Cold Chisel, with eye for handle; hardened bit; oil finish. Width bit, inches 1 1½ 2 2½ 3  
Weight each, lbs. 1 1½ 2 2½ 3  
Per lb. All sizes. \$0.80

Chisels  
HOT CHISELS

No. 75—Cast Steel Hot Chisel, with eye for handle; hardened bit; oil finish. Width of bit, inches 1 1½ 2 2½ 3  
Weight each, lbs. 1 1½ 2 2½ 3  
Per lb. All sizes. \$0.80

## TRACK CHISELS



No. 74—Cast Steel Track Chisel; oil finish. Weight 4 to 6 lbs. Per lb. \$0.50



# Blacksmiths' Tools

## BOTTOM PUNCHES



No. 82—Solid Steel; sizes  $\frac{1}{2}$  to 1 inch. Weight  $\frac{1}{2}$  to 2 $\frac{1}{2}$ . Per lb. . . . . P. O. A.

## ROUND PUNCHES



No. 81—Solid Steel; oil finish; length 5 inches  
Diam. of punch, inches  $\frac{1}{2}$   $\frac{3}{8}$   $\frac{1}{2}$   $\frac{3}{4}$   
Weight each, lbs. 1 $\frac{1}{2}$  1 $\frac{1}{4}$  1 $\frac{1}{2}$  2  
Per lb. All sizes . . . . . P. O. A.

## TOP SWEDGES



No. 78—Cast Steel Top Swedge; with eye for handle; oil finish.  
Size groove, inches  $\frac{1}{2}$   $\frac{3}{4}$   $1$   $1\frac{1}{2}$   
Weight each, lbs. 2 $\frac{1}{2}$  2 $\frac{1}{2}$  2 $\frac{1}{2}$  2 $\frac{1}{2}$   
Per lb. All sizes . . . . . P. O. A.

## BOTTOM FULLERS



No. 80—Cast Steel Bottom Fullers; with 1 inch shank; oil finish.  
Size face, inches  $\frac{1}{2}$   $\frac{3}{4}$   $1$   $1\frac{1}{2}$   
Weight each, lbs. 2 $\frac{1}{2}$  2 $\frac{1}{2}$  2 $\frac{1}{2}$  2 $\frac{1}{2}$   
Per lb. All sizes . . . . . P. O. A.

## TOP FULLERS



No. 79—Cast Steel Top Fullers; with eye for handle; oil finish.  
Size face, inches  $\frac{1}{2}$   $\frac{3}{4}$   $1$   $1\frac{1}{2}$   
Weight each, lbs. 2 $\frac{1}{4}$  2 $\frac{1}{4}$  2 $\frac{1}{4}$  2 $\frac{1}{4}$   
Per lb. All sizes . . . . . P. O. A.

## BOTTOM SWEDGES



No. 77—Cast Steel Bottom Swedge; with 1 inch shank; oil finish.  
Size groove, inches  $\frac{3}{8}$   $\frac{1}{2}$   $\frac{3}{4}$   $1$   
Weight each, lbs. 2 2 2 $\frac{1}{2}$  2 $\frac{1}{2}$   
Per lb. All sizes . . . . . P. O. A.

## BLACKSMITHS' TONGS



No. 71—Straight Lip Tongs; forged steel; oil finish.  
Length, inches 14 16 18 20 22 24  
Weight per dozen, lbs. 18 21 24 30 36 39  
Per dozen \$16.50 17.30 17.80 19.10 20.40 23.00



No. 76—Gad Tongs; forged steel; oil finish; length 20 inches. Weight per dozen, 30 lbs. Per dozen . . . . . \$23.40

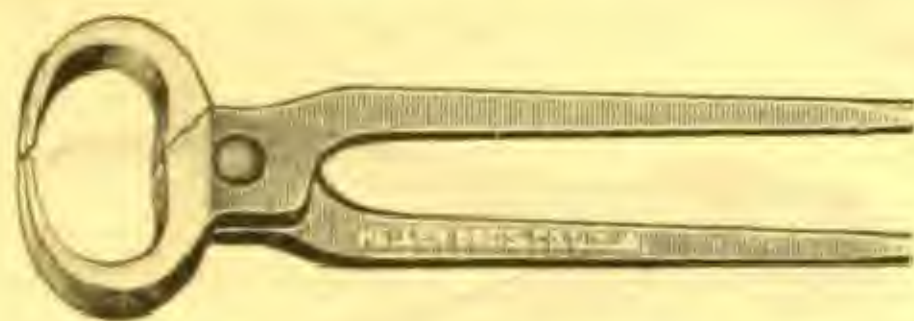


No. 70—Farrier's Tongs; forged steel; oil finish.  
Length, inches 12 14 16  
Weight per dozen, lbs. 18 21 24  
Per dozen \$14.50 15.70 16.00



No. 74—Curved Lip Tongs; forged steel; fluted jaws; oil finish; length 20 inches; to hold  $\frac{1}{2}$  to  $\frac{1}{2}$  inch round iron. Weight per dozen, 30 lbs. Per dozen . . . . . \$23.40

## PINCERS



No. 21—Heller Bros. Forged Crucible Tool Steel Pincers; oil finish; polished jaws; 12 inches long. Weight per dozen, 24 lbs. Per dozen . . . \$60.00

No. 20—Heller Bros. J. I. C. 11 inches long; weight per dozen, 35 lbs., otherwise as No. 21. Per dozen . . . . . \$69.60

One half-dozen in a box.

## NIPPERS



No. 24—Heller Bros.; Length 14 inches; forged crucible tool steel; fully polished. Weight per dozen, 23 lbs. Per dozen . . . . . \$72.00

No. 24A—Heller Bros.; Length 12 inches; otherwise same as No. 24. Weight per dozen, 20 lbs. Per dozen . . . . . \$60.00

One half-dozen in a box.

## PARERS



No. 23—Heller Bros.; 14 inches long; Forged Tool Steel; full polished. Weight per dozen, 23 lbs. Per dozen . . . . . \$72.00

No. 23A—Heller Bros. 12 inches long; otherwise same as No. 23. Weight per dozen, 21 lbs. Per dozen . . . . . \$60.00

One-half dozen in a box.

## PINCERS'



No. 380—Forged and tempered steel; hardened rivett, black painted handles; polished jaws; length 12 inches; weight per dozen, 21 lbs. Per dozen . . . . . \$20.00

One half-dozen in a box.

## CLINCH TONGS



No. 28—Full Polished; length 14 inches; weight 12 lbs. Per dozen . . . . . \$72.00

One-half dozen in a box.

## CARPENTERS PINCERS



No. 3482—Forged steel; polished jaws; black handles; one handle has screw driver the other a tack claw; two hammer heads.  
Length, inches 6 8 10  
Weight per doz. lbs. 5 8 15  
Per dozen . . . . . \$14.40 16.80 19.20

One-half dozen in a box.



## American Pliers



No. 20—Short Flat Nose Plier; forged from fine quality of steel, carefully tempered; excellent for jewelers, watchmakers and electricians; very light, has right "hang"; finished in black; length, 5 inches. Weight per dozen, 3½ lbs.  
Per dozen \$18.00  
One in carton; six cartons in box



No. 118—Universal Plier; flat nose with milled grip for holding gas burners, etc.; cutting edges and side cutter for cutting insulated wire; handy about garage or workshop.  
Size, inches 6 7 8  
Weight, per dozen, lbs 5¼ 7¼ 10½  
Per dozen \$19.50 22.50 26.00  
One half-dozen in a box



No. 1922—Drop forged, side cutting combination slip joint plier, 6½ inches long, weight per dozen, 8 lbs.  
Black finish. Per dozen \$6.00  
Nickel finish. Per dozen \$8.00  
One-half dozen in a box



No. 21—Light Pattern Round Nose Plier; for all kinds of small work requiring light round nose plier; forged from high grade steel; well tempered, handles plain, wide and well shaped, finished in black; length, 5 inches. Weight per dozen, 3½ lbs. Per dozen \$18.00  
One in carton, six cartons in box



No. 1050—Competition Side Cutting Plier; a very serviceable tool at moderate price; lighter in weight than ordinary side cutting plier; handles well tempered; will not bend under severe strain; handles smooth finished in black instead of blue.  
Size, inches 6 7 8  
Weight, per dozen, lbs 5¼ 6½ 10  
Per dozen \$19.30 22.00 24.00  
One in carton, six cartons in box



No. 356—A combination Slip Joint Plier; made of special plier steel and guaranteed the best quality that can be obtained. All sizes have wire cutter and screw driver features, and 8 and 10-inch have square hole in jaw for holding nuts, etc. Nickel finish. Knurled handles.  
Size, inches 6 8 10  
Weight, per dozen, lbs 6½ 8½ 11  
Per dozen \$21.60 27.00 32.40  
One half dozen in a box



No. 024—Milliners' Plier; short chain nose; special cutting edge for cutting silk covered wire without drawing silk; hole in handle for threading on ribbon or cord to hang from waist; size 5 inches. Weight per dozen, 2½ lbs.  
Per dozen \$24.00  
One in carton, six cartons in box



No. 1801—Lineman's heavy side cutting Plier; with lap joint, heavy heads, stout cutting edges and jaws carefully machined. This is a Krauter product and one of the finest for line-man's use. Knurled handles.  
Size, inches 7 8½ 11½  
Weight, per dozen, lbs 8¼ 11¼ 14¼  
Per dozen \$44.10 50.40  
One half dozen in a box



No. 1973—The most complete all-round Combination Plier for the auto man, in fact for all mechanics. The scored teeth insure a firm hold with little pressure, and the wide knurled handles permit a comfortable grip. The cutting edges cut clean, soft or hard wire alike. Full nickel finish. Length 7 inches. Weight per dozen, 7 lbs.  
Per dozen \$27.40  
One-half dozen in a box



No. 1721—Long Chain Nose Side Cutting Plier; for Telephone manufacturers, machinists, jewelers, opticians, electricians, etc.; forged from high grade steel; spring tempered nose and Utica Standard cutting edges; handles checkered and designed to fit the hand; finished in blue; length 5½ inches. Weight per dozen 3 lbs.  
Per dozen \$34.20  
One in carton; six cartons in box



No. 1950—Lineman's Heavy Side Cutting Plier; particularly suitable for Linemen, owing to shape of handles and keen, strong cutting edges; handles checkered, not knurled, giving excellent gripping surface when hand is wet, oily or gloved; blue finish; length, 8 inches. Weight, per dozen 13¼ lbs.  
Per dozen \$48.50  
One in carton, six cartons in box



No. 1903—The long thin nose and tapered jaws on this Plier enable the user to reach inserted objects difficult to grip and stubborn to wrench, thereby giving it a wide range of usefulness. It is also of Krauter high quality steel, with screwdriver and wire cutter and full nickel finish. "Don't Slip" knurled handles. Length 7 inches, weight per dozen, 5¼ lbs.  
Per dozen \$27.00  
One-half dozen in a box



No. 1850—Jewelers' End Cutting Nipper; light and strong; for machinists, jewelers and electricians; keen cutting edges; handles checkered; finished in blue;  
Size, inches 6 7  
Weight, per dozen, lbs 6½ 7¼  
Per dozen \$23.40 27.54  
One-half dozen in a box



No. 2950—Lineman's heavy side cutting Plier; with insulated handles listed to withstand 7,500 volts. A fine plier for heavy line work, length 7 inches, weight per dozen 10½ lbs.  
Per dozen \$78.60  
One in carton, six cartons in box



No. 305—A specially designed Plier to do the work of any parallel jaw plier, and which will also hold taper or half-round objects. Its construction gives it double the strength of other similar pliers. The wire cutter is on the handle side of fulcrum. Nickel finish, knurled handles. Length, 7 inches, weight per dozen, 6½ lbs.  
Per dozen \$27.00  
One-half dozen in a box



No. 2601—Electricians' Diagonal Cutting Plier, made especially for close cutting, made from special plier steel. Knurled handles, well finished, and a serviceable tool in every way.  
Size, inches 5 6  
Weight, per dozen, lbs 5 6  
Per dozen \$30.00 35.00  
One-half dozen in a box



No. 102—The Genuine "Bernard" Side cutting Plier. The jaws are parallel giving perfect grip on all objects of its capacity. The side cutter has plenty of average to make it practical for all work. Handles are closed in as shown in cut.  
Size, inches 4½ 5½ 6½  
Weight, per dozen, lbs 5 6½ 8  
Per dozen \$32.00 40.00 46.00



No. 1923—Bent nose combination plier of special plier steel, knurled handles, nickel finish. Length 8 inches, weight per dozen, 8 lbs.  
Per dozen \$32.40  
One-half dozen in a box



# German Pliers



No. 1644.—Milliners; flat nose; side cutting; ring in handle; bright finish; length 4 inches; weight per dozen 2 lbs. Per dozen \$8 50  
Half dozen in a box.



No. 1470.—Electricians; side cutting; flat nose; insulated handles; tested for 5000 volts; two wire cutters; high grade steel; insulation is not shouldered as shown in cut; polished finish.  
Length, inches..... 7 8  
Weight per dozen, lbs..... 10 12  
Per dozen..... \$33.00 \$40.00  
Half dozen in a box.



No. 1637.—Milliners; flat nose; side cutting; best quality hand forged; box joint; highly polished finish; ring in handle; length 5 inches; weight per dozen 2 1/4 lbs. Per dozen \$14 50  
Half dozen in a box.



No. 1280.—Side Cutting; flat nose; high grade; boxed joint; standard pattern; black finish.  
Length, inches..... 4 5 6 7  
Weight per dozen, lbs..... 3 1/2 4 1/2 5 6  
Per dozen..... \$10.50 \$12.00 \$14.50 \$18.00  
Half dozen in a box.



No. 1257.—Side cutting; short chain nose; lap joint; arrow brand; black finish; length 5 inches; weight per dozen 2 1/4 lbs. Per dozen \$16 50  
Half dozen in a box.



No. 1853.—Gas pleyer; combination flat nose; one wire cutter; best quality of steel; polished finish; length 5 1/2 inches; weight per dozen 3 1/2 lbs. Per dozen \$7 80  
Half dozen in a box.



No. 1593.—Side cutting; long chain nose; lap joint; arrow brand; extra quality; fine oval pointed jaws (needle nose); length 5 1/2 inches; weight per dozen 2 1/4 lbs. Per dozen \$19 00  
Half dozen in a box.



No. 1501.—Parallel jaw; side cutting; Bernard pattern; arrow brand; full nickel plated finish.  
Length, inches..... 4 1/2 5 1/2 6 1/2  
Weight per dozen, lbs..... 5 6 1/2 7 1/2  
Per dozen..... \$30.00 \$31.50 \$33.00  
Half dozen in a box.



No. 1155.—Diagonal cutting nipper; best quality; box joint; black finish; length inches..... 5 6  
Weight per dozen, lbs..... 2 1/2 3  
Per dozen..... \$15 00 \$18 00  
Half dozen in a box.



No. 1383.—End cutting nipper; compound lever action; highly tempered jaws; spiral spring in handles; black finish; length 6 inches; weight per dozen 7 lbs. Per dozen \$18 00  
Half dozen in a box.



## Fencing Pliers



No. 14—Competition Button's; very serviceable tool for all ordinary purposes; finished in black with smooth handles.

Size, inches	6	8	10
Weight per dozen, lbs.	6	10	14
Per dozen	\$8 50	12 00	14 40

Half dozen in box.



No. 1841—A High Grade "Button's" Plier, of special plier steel, with three wire cutters, knurled handles, polished finish.

Size, inches	6½	8	10
Weight per dozen, lbs.	6½	9½	14
Per dozen	\$19 80	23 40	30 60

One half-dozen in a box.



No. 1906; Staple Puller; good all-round fence tool; will drive staples, pull staples, cut, splice, straighten and stretch wire; made of high grade steel; very serviceable; finished black; length, 10 inches. Weight per dozen, 20 lbs. Per dozen, \$30 00

One in carton; six cartons in box.

## Linemen's Supplies

## SPlicing CLAMPS



No. 424—Red Devil Wire Clamps; for American and McIntyre joints, B. & S. Gauge; forged steel with gunmetal finished handles; polished head; smooth jaws; for wires Nos. 8, 10, 12 and 14 iron, Nos. 6, 8, 10 and 12 copper, and Nos. 10, 12 14 McIntyre Sleeves. Length 9 inches. Weight per dozen, 10½ lbs.

Per dozen, \$66 70

One in carton; six cartons in box.

## CLIMBERS



No. 253—Swedish Nevertum; forged from one piece of electric steel; improved spur; length, 16 or 17 inches; straps not included. Weight per dozen, 40 lbs.

Per dozen pair, \$68 40

Pair in paper box.

## Wire Grips



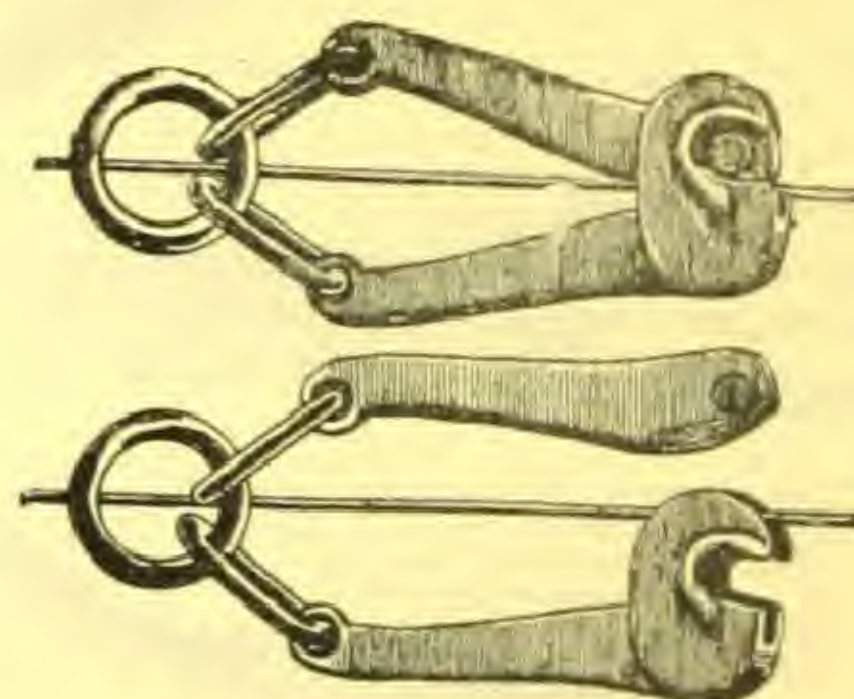
Hercules Wire Grip is a strong serviceable pattern, quickly attached and grips firmly. Malleable casting with forged ring. Weight per dozen, 18 lbs. Per dozen, \$8 40

Open Stock.



No. 369—Drop Forged from best tool steel and so constructed as to give great tensile strength and efficiency in actual use. Solid eye, forged loop, and solid lug. For ½ inch wire and smaller sizes. Weight per dozen, 29 lbs. Per dozen, \$90 00

Half dozen in box.



McCloskey Wire Grip; malleable iron; hardened steel inserted jaw; 2½ inch ring; will grip plain or twisted wire of all sizes; japanned finish. Weight per dozen, 15 lbs. Per dozen, \$16 00

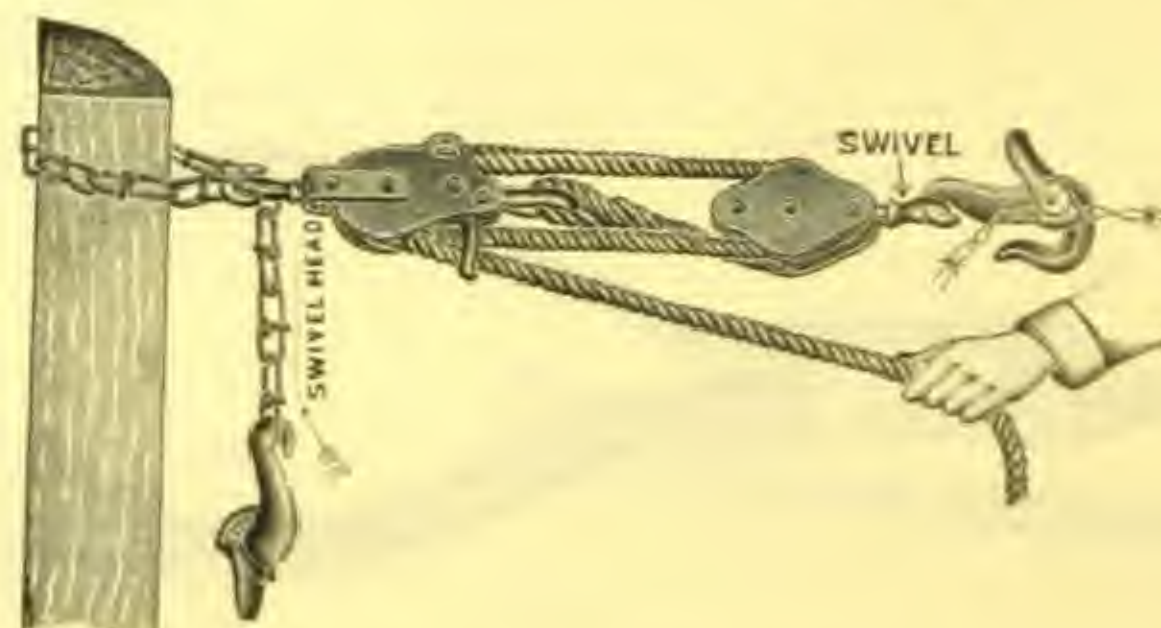
Open Stock.

## Fence Stretchers



Ohio Wire Stretcher—Steel blocks with heavy bearings and swivel head. Best sisal rope ½ inch diameter supplied with each, also an anchor chain with wire grip. A locking device is provided on the head block. Finished in red enamel. Weight per dozen, 60 lbs. Per dozen, \$44 00

Open Stock.



Atlas Wire Stretcher—Steel blocks; malleable grips specially hardened to avoid wear; swivel and wire grip on each end; automatic rope and lock release; positive in its operation; sixteen feet of ½ inch rope and 28 inches of chain supplied with each one. Finish in red enamel, weight per dozen, 55 lbs. Per dozen, \$40 00

Open Stock.



## Stanley Plumbs and Levels



No. 102—Hardwood; non-adjustable level glass; stock  $1\frac{1}{2} \times 2\frac{1}{2}$  inches; made in four lengths, from 10 to 16 inches. Average weight per dozen, 12 lbs.

Per dozen \$13.50  
No. 103—Assorted 18 to 24 inches, otherwise same as No. 102. Per dozen \$18.60  
One Dozen in box.



No. 104—Hardwood; non-adjustable plumb and level glasses; stock  $1\frac{1}{2} \times 2\frac{1}{2}$  inches; made in four lengths from 12 to 18 inches. Average weight per dozen, 15 lbs.

Per dozen \$19.80  
Dozen in box.



No. 00—Hardwood; non-adjustable plumb and level glasses; blackened chamfer on plumb and level glass openings; stock  $1\frac{1}{2} \times 3\frac{1}{2}$  inches; 18 to 22 inches long. Weight per dozen, 24 lbs. Per dozen \$26.30

No. 002A—Stock  $1\frac{1}{2} \times 2\frac{1}{2}$  inches; length 24 inches; otherwise as No. 00. Per dozen \$20.00  
Half dozen in a box.



No. 2—Patent Adjustable; Hardwood; blackened chamfer on both plumb and level glass openings; stock  $1\frac{1}{2} \times 3\frac{1}{2}$  inches; made in four lengths, from 24 to 30 inches. Average weight per dozen, 36 lbs.

Per dozen \$42.00  
Half dozen in box.



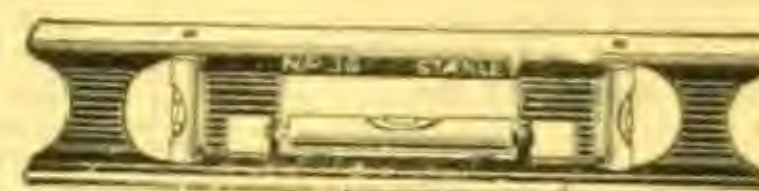
No. 3—Patent Adjustable; Hardwood; blackened chamfer on both plumb and level glass openings; brass lips; stock  $1\frac{1}{2} \times 3\frac{1}{2}$  inches; made in four lengths from 24 to 30 inches. Average weight per dozen, 36 lbs.

Per dozen \$51.40  
Half dozen in box.



No. 30—Patent Adjustable; Duplex; hardwood stock; brass tipped side views; second level glass readily reversed to form second plumb glass if desired; and is set very close to one surface stock, greatly increasing angle of vision; brass trimmed opening on reverse side of extra level and plumb glasses; stock  $1\frac{1}{2} \times 3\frac{1}{2}$  inches; made in four lengths from 24 to 30 inches. Average weight per dozen, 40 lbs.

Per dozen \$67.50  
Half dozen in box.



No. 36—Metallic Level; three proved glasses—one level, two plumb; japanned iron, nickel plated trimmings; top and bottom surfaces milled and wet ground perfectly parallel. 9 and 12 inch supplied with grooved bottom for levelling, shafting, etc., other sizes flat bottom.

Length, inches	9	12	18	24
Weight per dozen, lbs.	15	22	36	51
Each	\$3.90	4.60	5.50	6.40

One in box.



No. 35—Mason's; adjustable proved level glass and non-adjustable proved plumb glass; adapted for use of plumb bob and line, with opening for same; soft wood; stock  $1\frac{1}{2} \times 3\frac{1}{2}$ ; 42 inches long. Weight per dozen, 64 lbs.

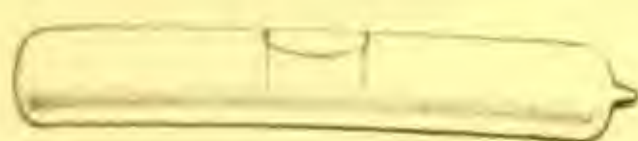
Each \$5.30  
Half dozen in box.



No. 45—Mason's; adjustable glasses throughout, double plumb glasses and protected, double plumb buff openings; light wood stock  $1\frac{1}{2} \times 3\frac{1}{2}$ ; 48 inches long, weight per dozen 60 lbs.

Each \$8.50  
Half dozen in box.

## PROVED LEVEL GLASSES



Made of Extra Thick Tubing and Proved; each glass marked by patent process at central or crossing point; bubble centered easily and quickly by this means.

Length, inches	1 to 1 1/2	2	2 1/2	3
Per dozen	\$2.00	2.20	2.50	2.70

Dozen in box.

## POCKET LEVEL



No. 31—Hexagon Pocket Level; nickel plated case, enclosing proved glass.

Length, inches	2 1/2	3	3 1/2
Weight per dozen, lbs.	3 1/2	1	1 1/2
Per dozen	\$10.90	13.00	16.00

Half dozen in box.

## POCKET LEVEL



No. 40—Pocket level; for use with straight edge or carpenter's square; japanned iron body and top plate; length, 3 1/2 inches. Weight per dozen 1 1/2 lbs.

Per dozen \$3.80  
Dozen in box.

## Sands Plumbs and Levels



No. 72—Black walnut wood, made from  $1\frac{1}{2} \times 2\frac{1}{2}$  inch stock in sizes 20, 22 and 24 inches long. Two protected glasses, as shown in cut; a rugged practical level for general use.

Per dozen \$27.60

No. 72BE—Brass Ends, otherwise the same as No. 72.

Per dozen \$42.00  
One in box.



No. 82—Black Walnut wood  $1\frac{1}{2}$  inch thick by  $2\frac{1}{2}$  inches wide and 24, 26, 28 and 30 inches long. It has two level glasses and one plumb glass all protected. For dependable mechanics use. Weight of 24 inches, each 4 lbs.

Per dozen \$32.40

No. 82BE—Brass ends, otherwise the same as No. 82. Per dozen \$48.00  
One in box.



No. 12V—Aluminum Level; standard of accuracy, non rusting, proof against warping, cracking, splitting, etc. The skeleton frame is so designed as to give greater strength with less weight than any other level. Easily read in any position. Size  $1\frac{1}{2}$  inch thick,  $2\frac{1}{2}$  wide and 12 inches long. Weight, each 1 1/2 lbs. Each \$7.00  
One in box.



No. 1A—4 Glass Mason's Level;  $1\frac{1}{2}$  inch thick by  $2\frac{1}{2}$  inches wide and 12 inches long. Two plumb and two level glasses all protected. Bob hole, hand hole and scribe. Levels either side up. Weight each 3 lbs. Each \$4.50  
One in box.



## Spokeshaves



No 52

No. 52—Stanley Improved Double Iron; straight handle; cutter and cap iron fastened by thumb-screw, allowing adjustment without use of screw driver; length, 10 inches; size of cutter, 2½ inches. Weight per dozen, 7½ lbs.

Per dozen ..... \$8.80

Half dozen in box.



No 53

No. 53—Stanley Adjustable Mouth; mouth opened or closed, for coarse or fine work, by thumb screw; length, 10 inches; size of cutter, 2½ inches. Weight per dozen, 8½ lbs.

Per dozen ..... \$11.40

Half dozen in box.



No 60

No. 60—Stanley Double Cutter; straight handles; cutters have separate cutter seats; one hollow one straight. Length, 10 inches; size of cutter 1½ inches. Weight per dozen, 8½ lbs.

Per dozen ..... \$12.60

Half dozen in box.

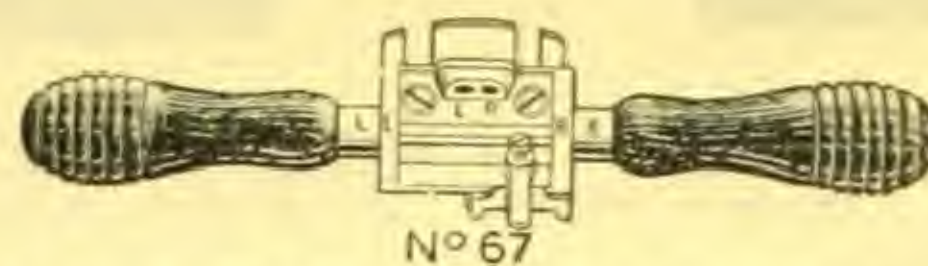


No 65

No. 65—Stanley Adjustable Chamfer Spoke Shave; can be adjusted to work chamfers up to 1½ inches; raised handles, 9½ inches long; cutter 1½ inches wide. Weight per dozen, 8½ lbs.

Per dozen ..... \$15.40

Half dozen in box.



No 67

No. 67—Stanley Universal Spoke Shave; handles are detachable and can be screwed into top of the stock for use in corners or panels. Two detachable bottoms are furnished, one for straight and one for circular work; a movable gauge allows the tool to be used in rabbeting; rosewood handles, nickel plated finish; length 9½ inches; cutter 1½ inches. Weight per dozen, 9 lbs.

Each ..... \$3.80

One in box.



No. 670—Boxwood Spoke Shave; blade of best Sheffield steel, easily adjusted; can be set to permit narrow or wide opening of the mouth giving plenty of clearance. Length over all 10½ inches; two sizes as below.

Size cutter, inches	2½	3
Weight per dozen, lbs.	2	3

Per dozen ..... \$14.00 16.00

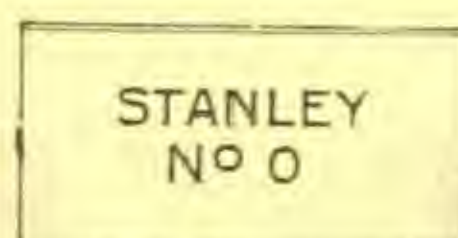
One dozen in package



No. 70—Stanley Box Scraper; maple handle, hinged above cutting surface is 13 inches long; the blade is adjustable by means of thumb screw and is 2 inches wide. Weight per dozen, 12 lbs.

Per dozen ..... \$21.30

Half dozen in box

STANLEY  
No 0

No. 0—Stanley Cabinet Scraper; made of high grade Sheffield steel and carefully tempered for this work.

Size, inches	3 x 4	3 x 5
Weight per dozen, lbs.	2	2½

Per dozen ..... \$7.50 8.80

No. 2—Atkins Cabinet Scrapers; special grade steel; edged and tempered for satisfactory service.

Size, inches	3 x 5
Weight per dozen, lbs.	2½

Per dozen ..... \$2.50

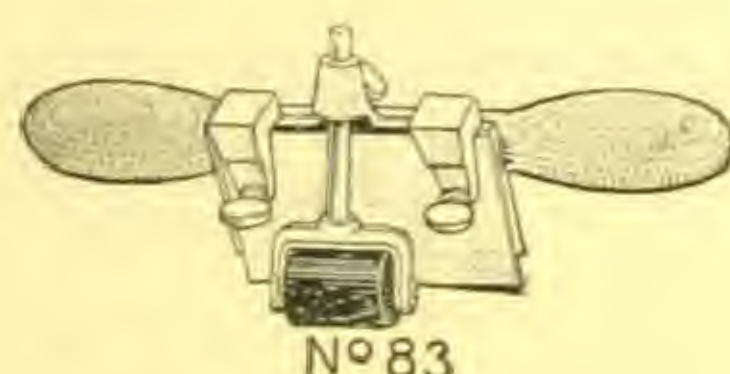


PERFECTION—Atkins Floor and Cabinet Scraper; adjustable, removable blade 3 x 3 inches of special silver steel, 16 ga. properly bevelled and tempered; convenient for use in corners, panels, or cabinet work; varnished hardwood handle; japanned frame. Length 12½ inches. Weight per dozen, 10 lbs.

Per dozen ..... \$18.00

Extra Blades per dozen ..... \$4.00

Half dozen in box.



No 83

No. 83—Stanley Double Handle Roller Bottom Cabinet Scraper; the roller relieves the wrist strain from the workman; handles are of beech and can be detached for working into corners. Length 9½ inches; blade 4 inches wide. Weight per dozen, 15 lbs; nickel finish.

Each ..... \$3.10

One in box.



No. 80—Stanley Double Handle Iron Bottom Scraper; the blade may be curved for speed and ease of operation; handles cast in one piece and raised to protect the hands of the user. Length 11 inches; blade 2½ inches; japanned finish; weight per dozen, 21 lbs.

Each ..... \$2.50

One in box.



RAMSHORN—Atkins Double Wood Handle Floor and Cabinet Scraper; plenty of hand clearance provided by Rams Horn pattern handles. Blade is easily set and adjusted by thumb screws. It is 3 inches wide with bevelled cutting edge 3½ inches long; varnished handles. Length 12 inches. Weight per dozen, 16 lbs.

Per dozen ..... \$26.40

Extra blades, per dozen ..... \$6.50

One in box.



## STANLEY SCRAPER PLANE

No. 112—Single handle Scraper plane is also supplied with a knob as regular Bailey planes and is preferred by some users to the double handle scrapers shown above. The blades are adjustable, endwise or for angle and can be locked firmly in position desired. Length 9 inches. Blade 3 inches wide; weight each, 4 lbs.

Each

\$6.60

One in box.

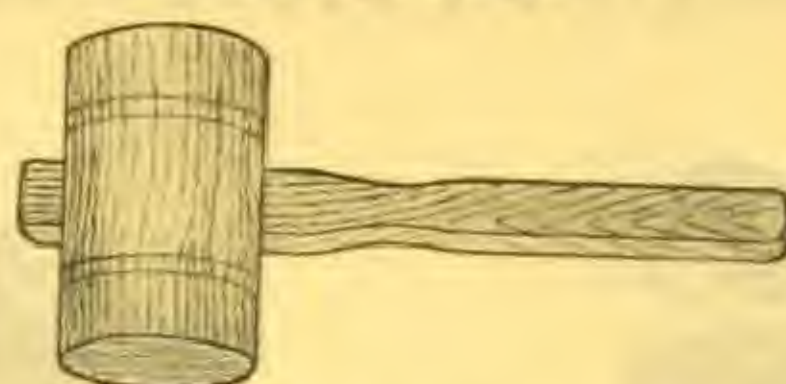


## Mallets



No. 4—Timbers' Round Hickory; assorted sizes, 2½ and 2¾ inches in diameter; length, 5½ inches. Weight per dozen, 12 lbs. Per dozen.....\$7.60

Open stock.



No. 3—Carpenter's Round Hickory; length, 6 inches; diameter, 4 inches. Weight per dozen, 30 lbs. Per dozen.....\$22.60

Open stock.



No. 8—Carpenters' Square Hickory; length, 6 inches; size of face, 2½ x 3½ inches. Weight per dozen, 16 lbs. Per dozen.....\$16.80  
No. 10—Hickory; length 7 inches; size of face 3 x 4 inches. Weight per dozen, 24 lbs. Per dozen.....\$25.20  
No. 12—Lignum-Vitæ; length 6½ inches; size of face, 2½ x 3½ inches. Weight per dozen, 31 lbs. Per dozen.....\$37.10

Open stock.

## Stanley Wood Bottom Planes BAILEY PATTERN



Nos. 22, 24



Nos. 35, 36

### SMOOTH PLANES

Bailey Pattern Double Cutter; adjustable endwise by lever, held in place by thumb lever; bottom handle and knob made of seasoned beech.

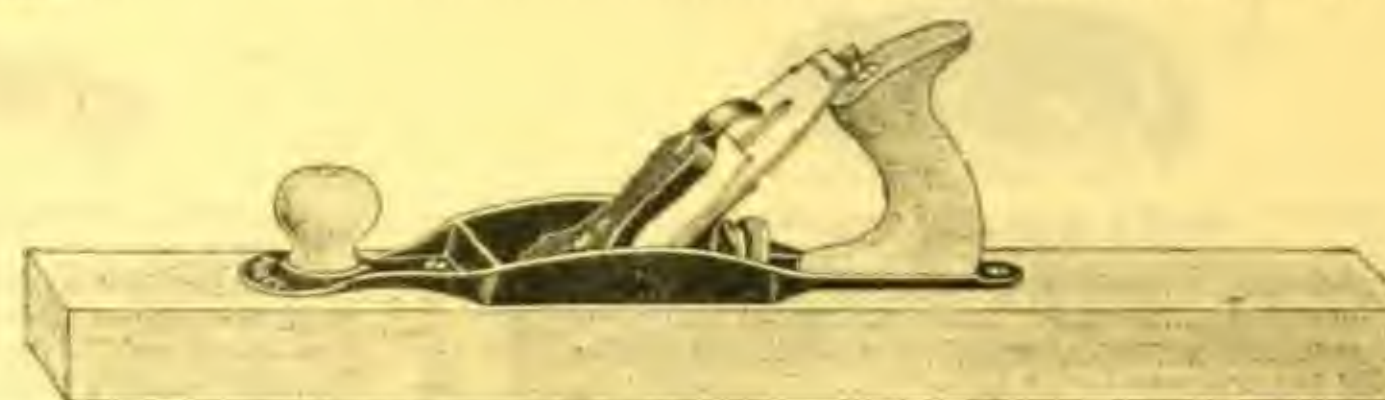
No. 22—8 inches long; width of cutter, 1½ inches. Weight each, 2½ lbs.	
Each.....	\$5.20
No. 24—8 inches long; 2 inch cutter; Weight each, 3 lbs.	
Each.....	\$5.10

No. 35—9 inches long; 2 inch cutter. Weight each, 3½ lbs.	
Each.....	\$6.40
No. 36—10 inches long; 2½ inch cutter. Weight each, 3½ lbs.	
Each.....	\$7.20



JACK PLANES

No. 26—15 inches long; 2 inch cutter. Weight each 3½ lbs.	Each \$5.70
No. 27—15 inches long; 2½ inch cutter.	Each \$6.50



FORE PLANES

No. 28—18 inches long; 2½ inch cutter. Weight each, 5½ lbs.	Each \$7.10
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### JOINTER PLANES

No. 31—24 inches long; 2½ inch cutter. Weight each, 6½ lbs.	Each \$7.70
No. 33—28 inches long; 2½ inch cutter. Weight each, 8½ lbs.	Each \$8.60

One in package

## Stanley Adjustable Bench Planes BAILEY PATTERN

### PLAIN BOTTOM



### SMOOTH PLANES

No. 1—5½ inches long; 1½ inch cutter. Weight each, 1½ lbs.	Each \$5.30
No. 2—7 inches long; 1½ inch cutter. Weight each, 2½ lbs.	" 6.80
No. 3—8 inches long; 1½ inch cutter. Weight each, 3 lbs.	" 6.10
No. 4—9 inches long; 2 inch cutter. Weight each, 3½ lbs.	" 6.70
No. 4½—10 inches long; 2½ inch cutter. Weight each, 5 lbs.	" 7.70

### JACK PLANES

No. 5—14 inches long; 2 inch cutter. Weight each, 4½ lbs.	Each \$7.70
No. 5½—15 inches long; 2½ inch cutter. Weight each, 6½ lbs.	" 8.60



### FORE PLANES

No. 6—18 inches long; 2½ inch cutter. Weight each, 7½ lbs.	Each \$9.80
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### JOINTER PLANES

No. 7—22 inches long; 2½ inch cutter. Weight each, 8½ lbs.	Each \$11.30
No. 8—24 inches long; 2½ inch cutter. Weight each, 9½ lbs.	" 13.50

All above one in box

### CORRUGATED BOTTOM



### SMOOTH PLANES

No. 3C—8 inches long; 1½ inch cutter. Weight each, 3 lbs.	Each \$6.50
No. 4C—9 inches long; 2 inch cutter. Weight each, 3½ lbs.	" 7.00
No. 4½C—10 inches long; 2½ inch cutter. Weight each, 4½ lbs.	" 8.10

### JACK PLANES

No. 5C—14 inches long; 2 inch cutter. Weight each, 4½ lbs.	Each \$8.10
No. 5½C—15 inches long; 2½ inch cutter. Weight each, 6½ lbs.	" 9.10



### FORE PLANES

No. 6C—18 inches long; 2½ inch cutter. Weight each, 7½ lbs.	Each \$10.30
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### JOINTER PLANES

No. 7C—22 inches long; 2½ inch cutter. Weight each, 8½ lbs.	Each \$11.80
No. 8C—24 inches long; 2½ inch cutter. Weight each, 9½ lbs.	" 14.10



## Stanley Iron Block Planes



## NON-ADJUSTABLE

No. 101—Length 3½ inches; 1 inch cutter; japanned iron body; ground face. Weight 4 ounces. Each \$0.68

Six in box



## NON-ADJUSTABLE

No. 102—Length, 5½ inches; 1½ inch cutter; otherwise same as No. 101. Weight 14 ozs. Each \$1.28

One in box



## ADJUSTABLE

No. 103—Length, 5½ inches; width of cutter 1½ inches; adjustable endwise by lever adjustment. Weight 14 ozs. Each \$1.76

One in box



## NON-ADJUSTABLE

No. 110—Length, 7½ inches; width of cutter 1½ inches; bottom and sides ground; black stained apple-wood knob takes place of finger rest. Weight 1½ lbs. Each \$1.76

One in box



## ADJUSTABLE

No. 120—Length, 7½ inches; width of cutter, 1½ inches; lever adjustment and rosewood knob; sides and bottom ground, care being taken to have sides parallel. Weight 1½ lbs. Each \$2.50

One in box



## DOUBLE END

No. 130—Length, 8 inches; cutter 1½ inches wide; has two cutter seats and two slots; centre seat and slot for ordinary work; other seat and slot when desired to use plane as bull-nose plane; fitted with hard wood knob japanned trimmings. Weight 1½ lbs. Each \$2.60

One in box



## ADJUSTABLE

No. 220—Length, 7½ inches; cutter 1½ inches wide; ground on bottom and sides; fitted with rosewood knob; cutter fastened by lever and cam; adjustable endwise by screw. Weight 1½ lbs. Each \$2.60

One in box



## BULL NOSE RABBIT

No. 75—Length 4 inches; cutter 1 inch wide; adjustable mouth; adapted for working in corners or other close places; japanned finish. Weight each, 10 ounces.

Each

One in box



## ADJUSTABLE

No. 60—Length 6 inches; cutter 1½ inches wide; cutter is adjustable and rests on its seat at the low angle of 12 degrees; nickel plated trimmings. Weight, each, 1½ lbs.

Each

\$4.20

One in box



## ADJUSTABLE

No. 65—Length 7 inches; cutter 1½ inches wide; cutter is adjustable and rests on its seat at the low angle of 12 degrees; knuckle joint cap, nickel plated trimmings; weight, each 1½ lbs.

Each

\$5.00

One in box

## Bailey Iron Block Planes



## ADJUSTABLE

No. 9½—Length, 6 inches; cutter 1½ inches wide; cutter rests at angle of 20 degrees instead of 45 degrees as in ordinary bench plane; cutter bevel made on upper instead of on lower side; adjustable throat and cutter; cutter adjusted endwise or sideways; trimmings japanned. Weight 1½ lbs. Each \$3.50

One in box



No. 15—Length, 7 inches; cutter 1½ inches wide. Weight 1½ lbs.

Each

\$3.70

No. 17—Nickel Plated Trimmings; otherwise same as No. 15.

Each

\$4.80

One in box



No. 18—Length 6 inches; cutter 1½ inches wide; knuckle joint; nickel plated trimmings. Weight 1½ lbs. Each \$4.50

No. 19—Length 7 inches; cutter 1½ inches wide; knuckle joint; nickel plated trimmings. Weight 1½ lbs. Each \$4.70

One in box



No. 9—Length, 6 inches; cutter 1½ inches wide; rosewood handle. Weight 1½ lbs. Each \$4.10

No. 15½—Length, 7 inches; cutter 1½ inches wide. Weight 1½ lbs. Each \$4.10

One in box

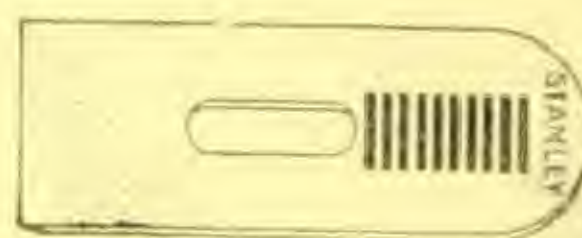
## STANLEY CARRIAGE MAKERS PLANE



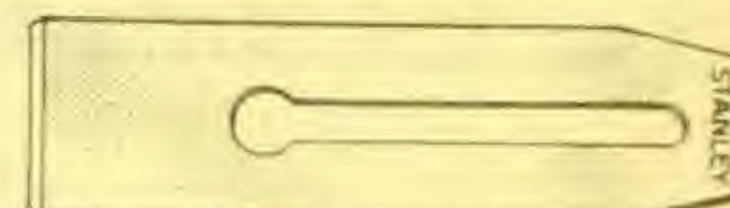
No. 10½—Length 9 inches; cutter 2½ inches wide; adjustable cutters; rosewood handle and knob. Especially adapted for heavy framing required in mill work, for carriage or wagon building or other work of a similar nature. Weight each, 1½ lbs. Each \$8.10

One in box

## STANLEY PLANE IRONS



## ADJUSTABLE



## SINGLE

## FOR STANLEY BENCH PLANES

Size, inches	1½	2	2½	3	3½
Weight per dozen, lbs.	24	24	24	24	24
Single, each	\$ 84	94	1 00	1 06	1 24

## FOR STANLEY BLOCK PLANES

Numbers	103	110	91
Width, inches	1½	1½	1½
Weight per dozen, lbs.	12	12	12
Each	\$ 32	50	66

Half dozen in box



# Stanley Special Planes

## STANLEY MATCHING PLANES



No. 48

No. 48—Swinging Fence; has two plow cutters of same width and one extra wide cutter; fence in one setting exposes two cutters for cutting tongue; when reversed leaves only one exposed for cutting groove; nickel plated; rosewood knobs; cuts  $\frac{1}{8}$  inch groove on boards  $\frac{1}{2}$  inch to  $1\frac{1}{2}$  inch thick. Weight, 3 $\frac{1}{2}$  lbs. Each, \$9.40

No. 49—Cuts  $\frac{1}{8}$  inch groove on boards  $\frac{1}{2}$  inch to  $1\frac{1}{2}$  inch thick; otherwise same as No. 48. Weight each, 2 $\frac{1}{2}$  lbs. Each, \$10.10

One in box.

## STANLEY MATCHING PLANES



No. 50

No. 50—Plow, Beading and Matching; has main stock, carrying spur and depth gauge forming support for one side of cutter; sliding section carrying spur forming support for other side of cutter; fence with five inch adjustment; metal handle, being a part of main stock; fully nickel plated; supplied with 15 cutters as follows: 7 plow and dado bits,  $\frac{1}{4}$ ,  $\frac{3}{8}$ ,  $\frac{1}{2}$ ,  $\frac{5}{8}$ ,  $1$ ,  $1\frac{1}{2}$  and  $2$  inch; 7 beading tools,  $\frac{1}{4}$ ,  $\frac{3}{8}$ ,  $\frac{1}{2}$ ,  $\frac{5}{8}$ ,  $1$ ,  $1\frac{1}{2}$  and  $2$  inch; and a  $\frac{1}{4}$  inch tonguing tool; length 9 $\frac{1}{2}$  inches. Weight each, 3 $\frac{1}{2}$  lbs. Each, \$15.00

One in box.

## STANLEY CIRCULAR PLANES



No. 113—Stanley Adjustable; flexible steel face may be shaped to any required arc, convex or concave by adjusting screw; graduated scale for setting face; japanned; length 10 inches; 1 $\frac{1}{2}$  inch cutter. Weight 3 $\frac{1}{2}$  lbs. Each, \$11.40

One in box.

## STANLEY RABBIT PLANES



No. 78—Duplex Filletster and Rabbit Plane; length 8 $\frac{1}{2}$  inches; cutter 1 $\frac{1}{2}$  inches wide; has two seats for cutter; one for regular work, other where bull-nose plane is required; spur and removable depth gauge; adjustable fence can be used on either side and slides under bottom, regulating width of cut. To use as rabbit plane remove fence and arms. Weight 3 lbs. Each, \$5.00

One in box.

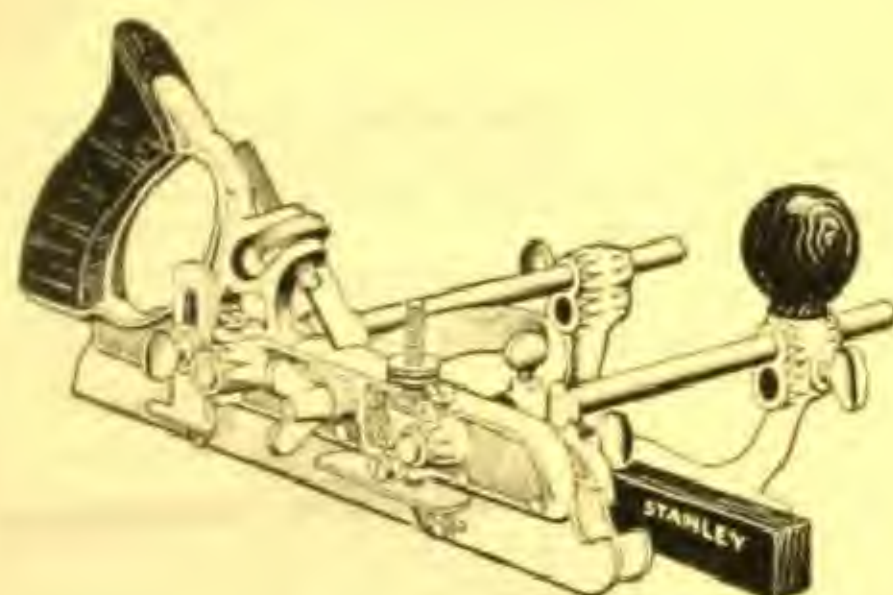
## STANLEY ROUTER PLANES



No. 71—For surfacing bottom of grooves or other depressions parallel with general surface of work; made with ordinary style open throat; all metal parts nickel plated. Each plane supplied with two cutters,  $\frac{1}{4}$  inch and  $\frac{1}{2}$  inch sizes; cutters have screw adjustment and may be clamped on back of cutter post for bull-nose work; length 7 $\frac{1}{2}$  inches. Weight 2 $\frac{1}{2}$  lbs. Each, \$7.20

One in box.

## STANLEY COMBINATION PLANES

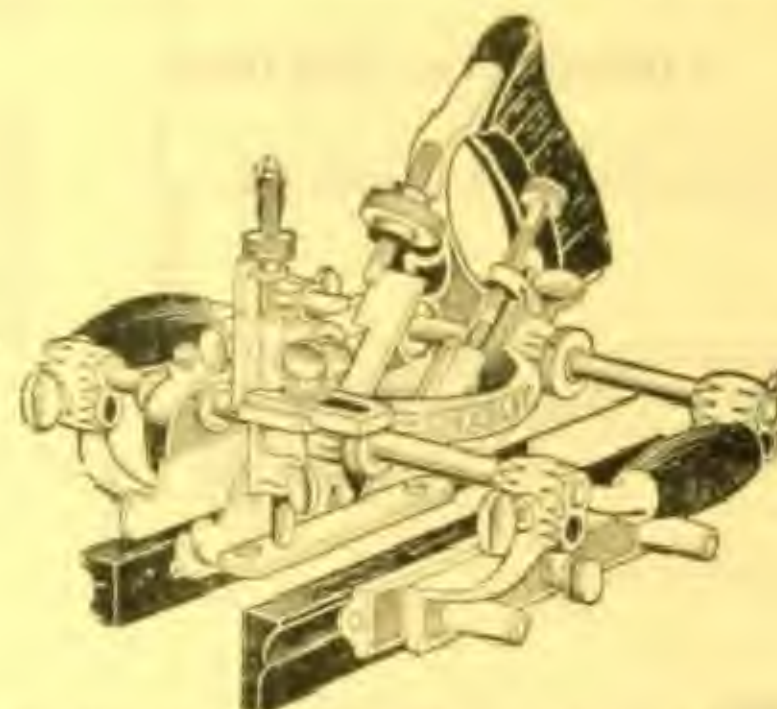


No. 45—Stanley "Forty-Five"; seven tools in one, namely: Beading and centre, beading plane, plow, dado, rabbit and filletster, match plane, sash plane and slitting plane; fitted with depth gauge and fence to gauge distance of cutter from edge of board; has spurs for use across grain; used left or right hand; all metal parts nickel plated; handle knob and fence made of rosewood. The following 21 cutters furnished with each plane:

Number	Style of Tool	Size, inches	Number	Style of Tool	Size, inches
1	Sash Tool	$1\frac{1}{4}$	17	Plow and Dado Tool	$\frac{3}{4}$
5	Sash Tool	$\frac{1}{4}$	18	Plow and Dado Tool	$\frac{3}{4}$
8	Slitting Tool		19	Plow and Dado Tool	$\frac{3}{4}$
9	Filletster	$1\frac{1}{4}$	21	Beading Tool	$\frac{1}{8}$
10	Plow and Dado Tool	$\frac{1}{2}$	22	Beading Tool	$\frac{3}{8}$
11	Plow and Dado Tool	$\frac{5}{8}$	23	Beading Tool	$\frac{1}{2}$
12	Plow and Dado Tool	$\frac{1}{4}$	24	Beading Tool	$\frac{3}{8}$
13	Plow and Dado Tool	$\frac{5}{8}$	25	Beading Tool	$\frac{1}{2}$
14	Plow and Dado Tool	$\frac{3}{4}$	26	Beading Tool	$\frac{3}{8}$
15	Plow and Dado Tool	$\frac{7}{8}$	27	Beading Tool	$\frac{1}{2}$
16	Plow and Dado Tool	$\frac{1}{2}$			

Cutters, together with plane. Weight, 9 $\frac{1}{2}$  lbs. Each, \$24.20

## STANLEY COMBINATION PLANES



No. 55—Stanley "Fifty-Five"; beading, plow, dado, rabbit, filletster, match, sash, and slitting plane; also superior moulding plane; accommodates cutters of almost any shape and size; all metal parts nickel plated; handle and fences made of rosewood; all parts nicely finished. The following 52 cutters furnished with each plane:

Number	Style of Tool	Size, inches	Number	Style of Tool	Size, inches
1	Sash Tool	$1\frac{1}{4}$	43	Hollow	$\frac{1}{4}$
5	Match Tool	$\frac{1}{4}$	44	Hollow	$\frac{3}{8}$
8	Slitting Tool		45	Hollow	$\frac{1}{2}$
9	Filletster	$1\frac{1}{4}$	47	Hollow	$1$
10	Plow and Dado Tool	$\frac{1}{2}$	53	Round	$\frac{1}{4}$
11	Plow and Dado Tool	$\frac{5}{8}$	54	Round	$\frac{3}{8}$
12	Plow and Dado Tool	$\frac{1}{4}$	55	Round	$\frac{1}{2}$
13	Plow and Dado Tool	$\frac{5}{8}$	57	Round	$1$
14	Plow and Dado Tool	$\frac{3}{4}$	62	Quarter Hollow	$\frac{1}{4}$
15	Plow and Dado Tool	$\frac{7}{8}$	64	Quarter Hollow	$\frac{3}{8}$
16	Plow and Dado Tool	$\frac{1}{2}$	73	Quarter Round	$\frac{1}{4}$
17	Plow and Dado Tool	$\frac{5}{8}$	75	Quarter Round	$\frac{3}{8}$
18	Plow and Dado Tool	$\frac{3}{4}$	82	Reverse Ogee	$\frac{1}{4}$
19	Plow and Dado Tool	$\frac{7}{8}$	84	Reverse Ogee	$\frac{3}{8}$
21	Beading Tool	$\frac{1}{8}$	86	Reverse Ogee	$1$
22	Beading Tool	$\frac{3}{8}$	93	Roman Ogee	$\frac{1}{4}$
23	Beading Tool	$\frac{1}{2}$	95	Roman Ogee	$\frac{3}{8}$
24	Beading Tool	$\frac{3}{4}$	102	Grecian Ogee	$\frac{1}{4}$
25	Beading Tool	$\frac{5}{8}$	104	Grecian Ogee	$\frac{3}{8}$
26	Beading Tool	$\frac{1}{2}$	106	Grecian Ogee	$1$
27	Beading Tool	$\frac{3}{8}$	113	Quarter Round with Bead	$\frac{1}{4}$
28	Beading Tool	$\frac{5}{8}$			
29	Beading Tool	$\frac{1}{2}$	115	Quarter Round with Bead	$\frac{3}{8}$
32	Fluting Tool	$\frac{1}{4}$			
34	Fluting Tool	$\frac{3}{8}$	212	Reeding Tool, 2 Beads	$\frac{1}{4}$
36	Fluting Tool	$\frac{1}{2}$	222	Reeding Tool, 2 Beads	$\frac{3}{8}$
38	Fluting Tool	$\frac{3}{4}$	232	Reeding Tool, 2 Beads	$1$

Plane, together with cutters and all attachments. Weight 15 $\frac{1}{2}$  lbs. Each, \$47.50



## Seigley Block Planes



## NON-ADJUSTABLE

No. 102S—Length 5½ inches; cutter 1½ inch wide; japanned iron block; polished bottom; weight each 14 ounces. Each.....\$1 10

No. 110S—Length 7½ inches; cutter 1½ inch wide; japanned iron block; polished face; weight each 1½ lbs.

Each.....\$1 56

One in box



## ADJUSTABLE

No. 103S—Length 5½ inches; cutter 1½ inches wide; end adjustment; japanned block polished face; weight each, 1 lb.

Each.....\$1 56

No. 2200S—Length, 7½ inches; cutter 1½ inches wide; end adjustment; japanned block; polished face; weight each 1½ lbs.

Each.....\$2 30

One in box



## ADJUSTABLE

No. 9½S—Length 6 inches; cutter 1½ inches wide; one piece cap; end or side adjustment; japanned finish; weight each 1½ lbs.

Each.....\$3 10

No. 15S—Length 7 inches; cutter 1½ inches wide; one piece cap; end or side adjustment; japanned finish; weight each, 1½ lbs.

Each.....\$3 20

No. 1600S—Nickel finish; otherwise same as No. 9½S.

Each.....\$3 60

No. 1800S—Knuckle joint cap; as illustrated; otherwise same as No. 1600S.

Each.....\$3 90

No. 1900S—Knuckle joint cap; as illustrated; length 7 inches; otherwise same as No. 1600S.

Each.....\$4 10

One in box



## DOUBLE END

No. 1300S—Length 8 inches; cutter 1½ inches wide; this plane has two cutter slots and seats and by reversing the position of the cutter and cap it can be used up into corner or other difficult places japanned finish; weight each 1½ lbs.

Each.....\$2 30

One in box

## SEIGLEY IRON PLANES



This line of Iron Planes have Cutters adjustable lengthwise and laterally, and are made with Smooth and Corrugated Bottoms.

The Cutters in these Planes are solid steel thin Cutters, and for fine work the advantages of this form of Cutter are well recognized by all wood workers.

## PLAIN BOTTOMS

No.	Type	Length	Cutter	Weight	Each
3S	Smooth	8	1½	3½	\$5 30
4S	Smooth	9	1½	3½	\$5 80
4½S	Smooth	10	1½	4½	\$6 70
5S	Jack	14	1½	4½	\$6 70
5½S	Jack	15	1½	6½	\$7 00
6S	Fore	18	1½	7½	\$8 60
7S	Jointer	22	1½	8½	\$9 90

## CORRUGATED BOTTOMS

3SC	Smooth	8	1½	3½	\$5 60
4SC	Smooth	9	1½	3½	\$6 10
4½SC	Smooth	10	1½	4½	\$7 10
5SC	Jack	14	1½	4½	\$7 10
5½SC	Jack	15	1½	6½	\$7 90
6SC	Fore	18	1½	7½	\$9 00
7SC	Jointer	22	1½	8½	\$10 30

One in box.

## SEIGLEY WOOD PLANES



The "S. S. S." type of Wood Planes are made for those preferring Wood Bottom.

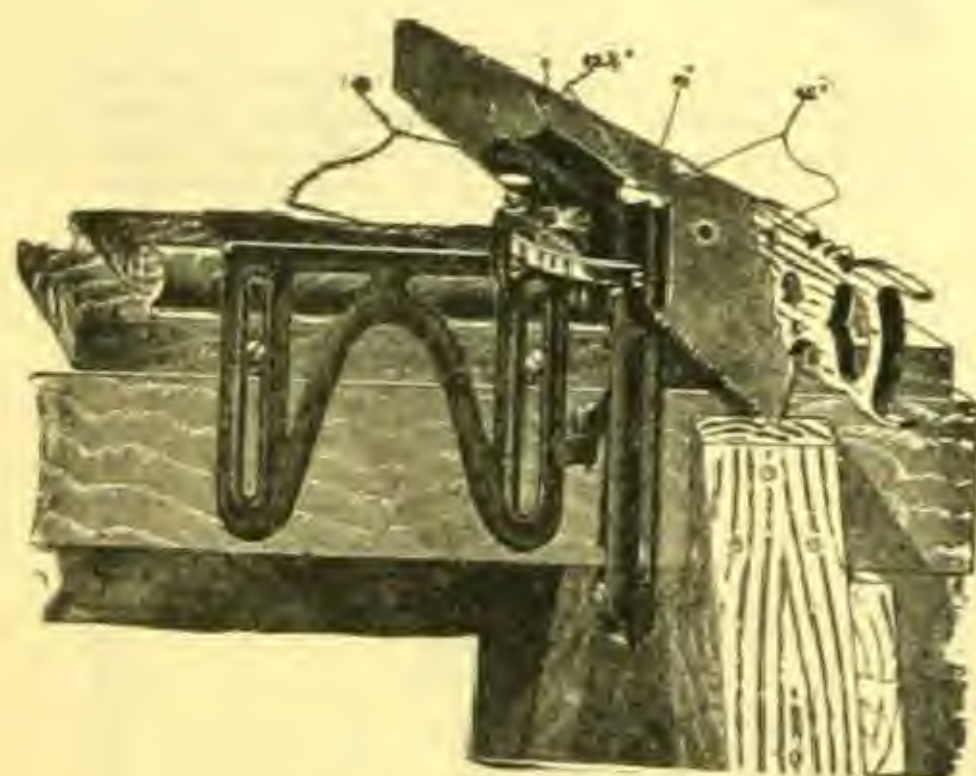
The Bottoms are well seasoned and guaranteed.

These Planes have Cutters adjustable lengthwise and laterally.

No.	Type	Length	Cutter	Weight	Each
22S	Smooth	8	1½	2½	\$4 50
26S	Jack	15	2	3½	\$5 00
28S	Fore	18	2½	5½	\$6 30
32S	Jointer	26	2½	7½	\$7 20

One in box.

## Mitre Boxes

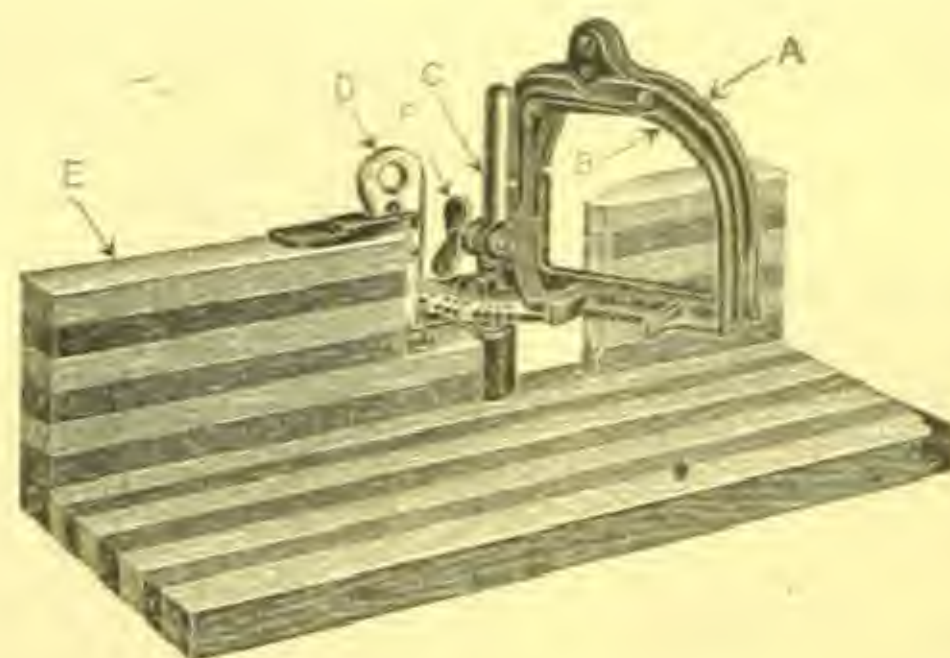


## WITHOUT SAW

No. 159—Red Devil; very compact; can be folded and carried in tool bag; saws mitre at any angle; does not require special saw. Weight each, 2½ lbs.

Each.....\$5 00

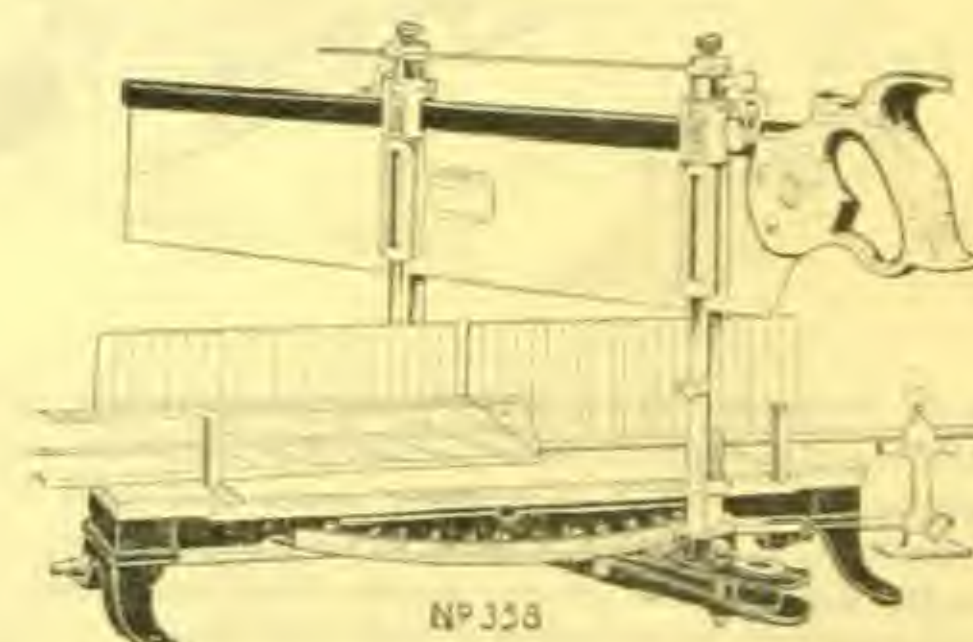
One in box



Perfection; select hardwood box; cast iron frame; dial markings 90, 22½, 30, 360 and 150; quickly set; rigidly held and accurate; for cutting to exact depths use a back saw, the back resting on the guide shoulder within the swinging guide and depth can be gauged by the height at which the guide is set; weight each 5½ lbs.

Each.....\$8 50

Two in a box



No. 358—Stanley Mitre Box; cast iron frame; the back, frame, quadrant, and swivel arm bearing are in one piece; swing lever automatically locks at any angle and contains two sockets for long or short saws. Cuts any angle from 30 to 90 degrees. Packed with saw 28 x 5 inches; capacity at right angle 9½ inches; capacity at 45 degrees 6½ inches; capacity at 30 degrees, 4½ inches; weight with saw 36 lbs.

Each.....\$43 20

No. 246—Packed with saw 26 x 4 inches; capacity at right angle 8½ inches; capacity at mitre 5½ inches capacity at 30 degrees 3½ inches. Weight; with saw, 30 lbs. Otherwise as No. 358.

Each.....\$37 70

One in box



# Stanley Tools

## MITRE TRY SQUARES



No. 2—Rosewood handle; A perfect Mitre for 45 degrees angle can be struck from these squares, handle and blade nickel plated, blade graduated in inches and eighths.

Length of blade, inches.....	6	7	9
Length of handle, inches.....	4	5	5
Weight per dozen, lbs.....	4	5	7
Per dozen.....	\$15 20	17 20	21 00

Half-dozen in box.

## TRY SQUARES



No. 20—Rosewood Handle; brass face plate; steel blade graduated in inches and eighths.

Length of blade, inches.....	4	6	7	9	10	12
Length of handle, inches.....	3	4	5	6	6	7
Weight per dozen, lbs.....	3	4	5	7	7	9
Per dozen.....	\$9 70	13 00	14 10	18 10	19 60	24 10

No. 12—Iron Handle; fully nickel plated; blade fastened securely in accurately sawed slot by means of three large rivets; graduated in inches and eighths.

Length of blade, inches.....	6	8	10
Length of handle, inches.....	4	5	6
Weight per dozen, lbs.....	4	8	11
Per dozen.....	\$13 80	15 50	20 00

Half dozen in box.

## T BEVELS

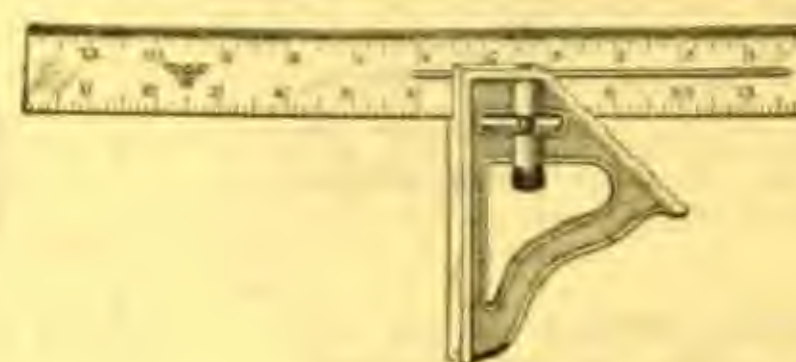


No. 25—Rosewood Handle; steel blade easily clamped in position by moving thumb lever with thumb of hand that grasps handle.

Length of blade, inches.....	6	8	10
Length of handle, inches.....	4	5	7
Weight per dozen, lbs.....	2	3	4
Per dozen.....	\$11 60	13 10	13 60

Half dozen in box.

## COMBINATION SQUARE



No. 21—Iron Handle, Adjustable Try or Mitre Square; nickel finish; graduated eighths, sixteenths, and thirty-seconds.

Length of blade, inches.....	6	9	12
Length of handle, inches.....	2	3	3
Weight each, lbs.....	1	1	1
Each.....	\$1 56	1 90	2 20

One in a box.

## MARKING GAUGES



No. 61—Beechwood; Square Head; boxwood screw oval bar; graduated to sixteenths for 6 inches from point; marking point tempered steel. Weight per dozen, 2 1/2 lbs. Per dozen \$3 20

No. 62—Polished Adjustable Tempered Steel Point; otherwise same as No. 61. Weight per dozen, 2 1/2 lbs. Per dozen \$5 90

Dozen in box.

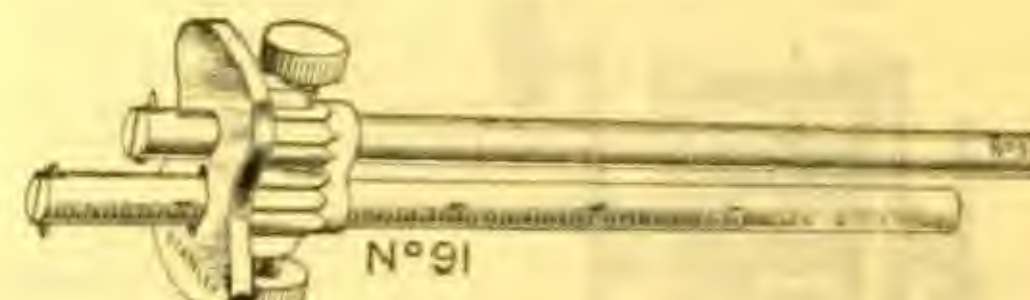
No. 64—Beechwood; Oval Head; brass screw; brass face plates; oval bar; adjustable tempered steel marking point. Weight per dozen, 3 1/2 lbs. Per dozen \$11 30

Half dozen in box.

No. 90—Steel Bar; Metal Head; pin point; all parts finely finished; metal bar and head nickel plated; bar 6 1/2 inches long, graduated in sixteenths of an inch for five inches. Weight per dozen, 3 lbs. Per dozen \$12 50

One in box.

## MORTISE GAUGES



No. 72—Double Bar Beechwood; boxwood thumb-screw; oval bar, graduated in sixteenths of an inch for six inches from point. Weight per dozen, 3 1/2 lbs. Per dozen \$10 70

No. 71—Brass Thumb-screw; plated head; brass shoe to protect bar; otherwise same as No. 72. Weight per dozen, 4 1/2 inches. Per dozen \$18 30

Half-dozen in box.

No. 77—Rosewood Slide; has brass slide working in wood bar; one marking point affixed to one end of slide, other to bar itself; thus both sides of mortise may be marked at same time; screw adjustments; brass face plates. Weight per dozen, 5 lbs. Per dozen \$30 00

Half dozen in box.

No. 91—Double Steel Bar; metal head; pin points; bar 6 1/2 inches long, graduated in sixteenths of an inch for five inches; all parts finely finished; metal head and steel bar nickel plated. Weight per dozen, 6 lbs. Per dozen \$22 80

One in box.

## BUTT GAUGES



No. 95—Butt Gauges for Rabbetted Jams graduated in sixteenths inches; cutter "A" marks from jam in the rabbet; cutter "B" from the edge of door engaged in closing and cutter "C" the thickness of the butt. Nickel plated finish. Weight each, 1/2 lb. Each \$2 50

One in a box.

No. 8—Pencil Clasp; for attaching ordinary pencil to any regular dividers; nickel plated finish; twelve mounted on display card; weight per dozen, 1/2 lb. Per dozen \$3 30

One dozen on card.

## PENCIL CLASP





## Bit Braces



No. 966—Stanley Sleeve; cold-drawn, polished steel sweep; plain pattern; hardened steel jaws; walnut stained hardwood head and handle; all metal parts polished except quill which is rolled; head screwed on and fastened with cement.

Length of sweep, inches	8	10
Weight per dozen, lbs.	20	22
Per dozen	\$18 70	19 20

Half dozen in box



No. 946—Stanley Sleeve; plain pattern; cold drawn nickle sweep; machined and hardened alligator jaws; hardwood head and handle.

Length of sweep, inches	8	10
Weight per dozen, lbs.	22	24
Per dozen	\$34 30	34 80

Half dozen in box



No. 993—Corner Brace; nickle plated, metal clad ball bearings, Cocobolo head, forged jaws machined and hardened, 10 inch sweep.

Weight per dozen	31
Per dozen	\$144 00



No. 975—Stanley Ratchet; 10 inch sweep; cold drawn polished steel; plain pattern hardened drop forged steel jaws; walnut stained hardwood head and handle; spindle and chuck body one piece solid steel; shell polished; other metal parts rolled; head screwed on and fastened with cement; fitted with "Latch Pawl" or "Flap Back" style or ratchet.

Weight per dozen, lbs.	30
Per dozen	\$33 60

Half dozen in box



No. 945—Stanley Ratchet; nickle plated sweep and ring ratchet; otherwise same as No. 975.

Length of sweep, inches	10	12
Weight per dozen, lbs.	29	32
Per dozen	\$54 00	55 20

Half dozen in box



No. 921—Stanley Concealed Ratchet; has concealed ratchet operated by cam ring and alligator jaws. Ball bearing Cocobolo head and Cocobolo handle. Heavily nickle plated; a high grade brace in every respect.

Length of sweep, inches	10	12	14
Weight per dozen, lbs.	38	40	42
Per dozen	\$91 20	93 60	97 20

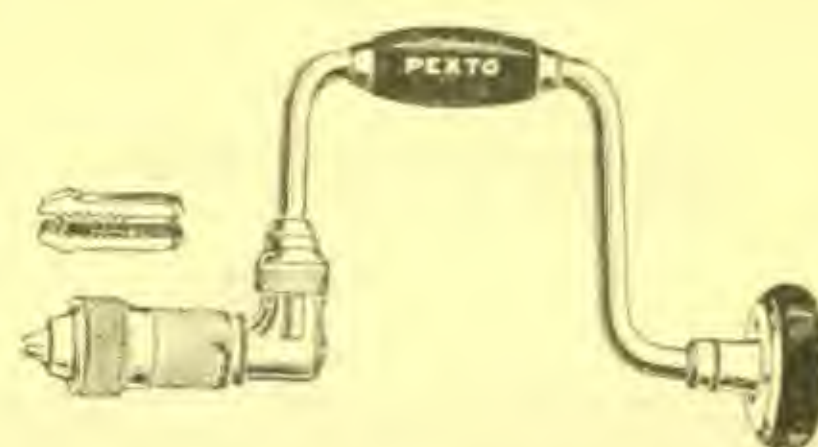
One sixth dozen in box



No. 8310—Pexto Ratchet; box ring ratchet with straight shell and alligator jaws; extra heavy 10 inch sweep; fine nickel finish. Ball bearing Cocobolo head and Cocobolo handle with concealed friction washers and nickel plated ferrules.

Weight per dozen, lbs.	43
Per dozen	\$105 60

One sixth dozen in box



No. 8010—Pexto Ratchet; box ring ratchet; Samson large grip sleeve with alligator jaws. It has 10 inch extra heavy sweep full nickel plated finish. The head is ball bearing, steel clad, Cocobolo wood, and the handle Cocobolo with concealed friction washers and nickel plated ferrules.

Weight per dozen, lbs.	43
Per dozen	\$123 60

One sixth dozen in box

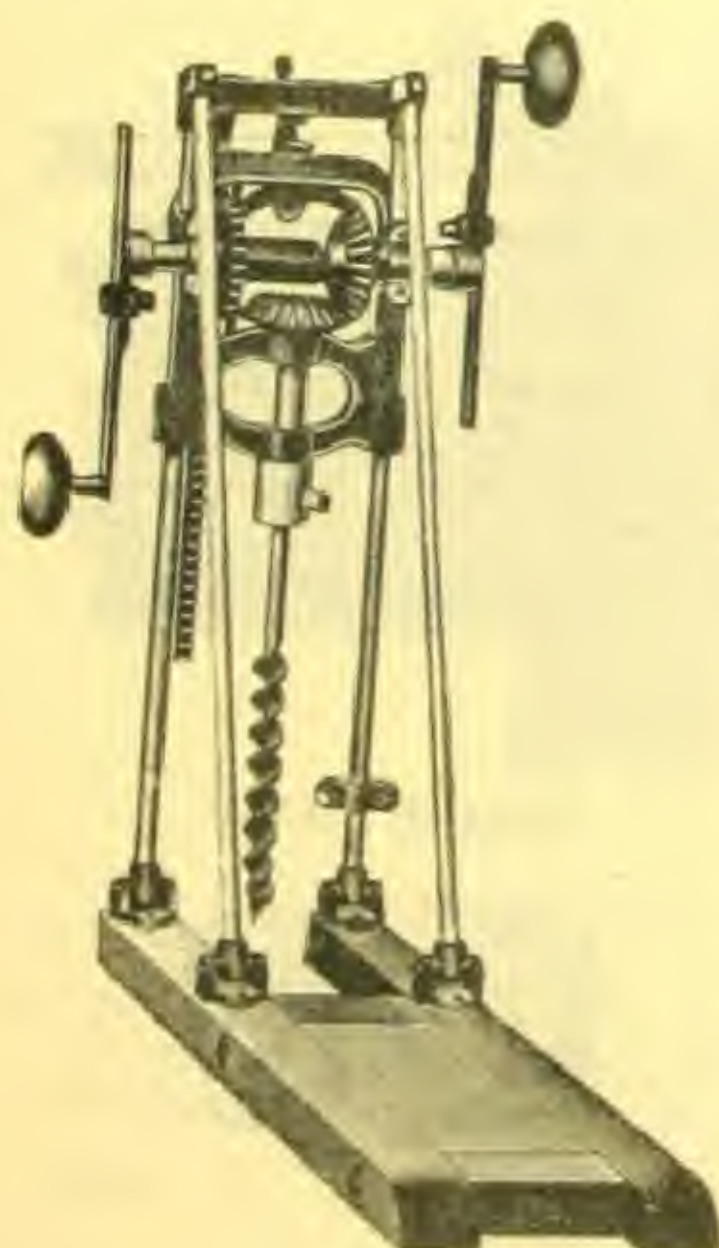


No. 5310—Pexto Ratchet; open ring ratchet regular knurled sleeve, with self adjusting alligator jaws. Heavy 10 inch sweep full nickel plated finish. Steel clad head, ebony finish, ball cup construction and centre handle also ebony finish with nickel plated ferrules.

Weight per dozen, lbs.	34
Per dozen	\$72 00

One sixth dozen in box

## BORING MACHINES



No. 145—Miller's Falls; wood bottom, adjustable to any angle, and boring to a depth of 12 inches. Frame is made of steel; all parts carefully machined and well finished; handles are adjustable to regulate the speed. Depth of bore is regulated by a stop. A very satisfactory machine for house framing or for heavy work where large capacity is essential; supplied without augurs.

Weight, each net, lbs.	28
Boxed, lbs.	45
Each	\$36 00

One in a box

No. 2—Snells Angular; wood bottom and wood standards; malleable iron castings; it has graduated ways and can be adjusted to bore at any angle. All fittings are well finished in Japan and chuck polished steel; height 25 inches; width 7½ inches; weight each, 25 lbs. net; 40 lbs. boxed.

Each	\$14 50
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One in a box





# Drills

## HAND DRILLS



No. 303

No. 303 Hand Drill is one of the newer patterns, and though a tool of first-class construction, it is moderate in price and consequently one of the best sellers. It has a solid steel frame, cut gears, steel pinion and hollow handle, although no drill points are included. The three-jaw chuck takes round shank drills up to  $\frac{3}{8}$  inch. Finished in enamel and nickel plate. Cocobola handles. Weight each, 1 $\frac{1}{2}$  lbs.

Each \$5.70

One in a box



No. 1

No. 1 Hand Drill is a very popular tool for general use, with malleable iron frame, cut gears and steel pinion. It also has an adjustable equalizing bearing to prevent any play of the large gear, and a ball thrust bearing to insure long life and ease of operation. The handle is hollow and contains eight wood boring drill points. The frame is finished in black enamel, the large gear in red, and other metal parts are nicked.

Weight each, 1 $\frac{1}{2}$  lbs. Each \$6.40

One in a box



No. 5

No. 5 Hand Drill is similar in design to our No. 1, but has an idler pinion to equalize the bearing and a wide rim on the large gear, which may be gripped between thumb and finger for steadiness in doing delicate work. It has a ball thrust bearing, and is supplied with eight wood boring drill points contained in the handle. Like No. 1, it has a three-jaw chuck for round shank drills up to  $\frac{3}{8}$  inch. Finished in enamel and nickel plate, with cocobola handles.

Weight each 1 $\frac{3}{4}$  lbs. Each \$7.30

One in a box

## BREAST DRILLS



No. 112

No. 112 Breast Drill is a low-priced tool made especially for those who use a drill occasionally and for light work. It has only one speed, the large gear being 4-inch in diameter and having a ratio of 3 $\frac{1}{2}$  to 1. Equipped with a two-jaw chuck for holding bit, stock drills or augur bits. Stained handle, black enamelled malleable iron frame. Well made throughout and nicely finished. Weight each, 5 lbs.

Each \$6.90

One in a box



No. 19

No. 19 Breast Drill is a two-speed drill of the best material and construction, which can be sold at a very reasonable price. The gear ratio is 3 to 1 or even; the change being easily made by a simple spring release. It has a ball thrust bearing, which adds life to the tool and makes operation easy. The crank is extensible from 4 to 7 inches, and the chuck for bit stock drills or augur bits. Finished in enamel with some parts polished. Weight each, 6 lbs.

Each \$8.40

One in a box



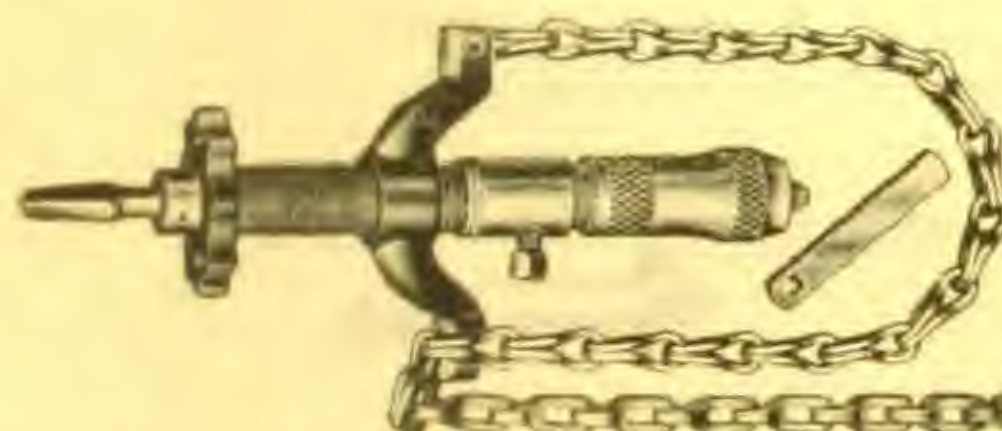
No. 12

No. 12 Breast Drill is a standard tool for general use, being simple in design, strongly made, and will give a lifetime of service. Both gears are cut, the ratio being 3 to 1, with an idler roll to equalize the bearing. It has an extension crank with a radius from 4 to 6 inches, and a patent level attachment which is a serviceable feature. Supplied with a master chuck with patent jaws, which take bit stock shanks, round shanks up to  $\frac{1}{2}$  inch diameter and No. 1 Morse taper shanks. Well finished in enamel and nickel.

Weight each, 6 $\frac{1}{2}$  lbs. Each \$10.70

One in a box

## CHAIN DRILL



No. 720 Chain Drill with two jaw chuck for bit stock, drills, etc. It has hand feed and four feet of chain allowing for ample adjustment. Length over all 10 $\frac{1}{2}$  inches. Weight each 4 lbs.

Each \$9.00

One in a box

## RATCHET



No. 12—Ratchet Drill, with reversible ratchet. Square shank ratchet drill bits are used in this ratchet or ordinary bit stock drills may be used with extra socket which is supplied. Polished finish. Length 12 inches, weight each 3 lbs.

Each \$14.00

One in a box

## DRILL CHUCK



These Chucks will hold round shanks which are gripped tightly and accurately. The jaws fit carefully into the socket and close by pressure of the spindle. The jaw controlling springs are well down in the base, and cannot be jammed or knocked out by the shank.

No. 6 Star Chuck; capacity 0- $\frac{1}{2}$  inches; outside diameter 1 $\frac{1}{2}$  inches; dimensions of shank 2 $\frac{1}{2}$  x  $\frac{1}{2}$  inches; weight 10 ozs. Each \$4.00

One in a box



## Screw Drivers



No. 66—A neat, handy little screw driver for pocket or household use, cocobola handle, nickel ferrule, polished blade with knurled shank. Length of blade  $1\frac{1}{2}$  inches. Length over all 3 inches. Weight per dozen, 9 ounces.

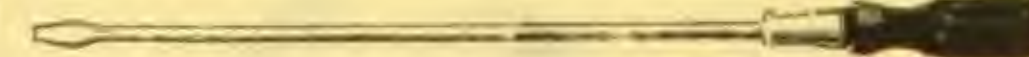
Per dozen ..... \$4.80  
One dozen in box



No. 20—Hurwood Regular; blade, shank and head one piece special steel; two patented projecting wings under head; rivet passes through ferrule, shank and handle securely fastens blade in handle and prevents turning; blade passes clear through the handle.

Length, blade, inches	4	5	6	8	10
Diam. of shank, inches	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\frac{1}{2}$
Weight, per doz., lbs.	2 $\frac{1}{2}$	4 $\frac{1}{2}$	6	7 $\frac{1}{2}$	10 $\frac{1}{2}$
Per dozen	\$7.20	8.50	10.20	12.50	15.70

Half dozen in box



No. 55—Hurwood Small Shank; insulated end; designed for light delicate work; especially suited to use of electricians; size of rod  $\frac{1}{16}$  inch; width of tip  $\frac{1}{16}$  inch.

Length blade, inches	2 $\frac{1}{2}$	3	4	5	6	8
Wght. per doz., lbs.	1	1 $\frac{1}{2}$	1 $\frac{1}{2}$	1 $\frac{1}{2}$	1 $\frac{1}{2}$	1 $\frac{1}{2}$
Per dozen	\$5.20	6.00	7.20	8.50	10.20	12.50

Half dozen in box



No. 80—Round forged steel blades; tempered and polished; hardwood handles with steel ferrule; red finished handle.

Length of blade, inches	3	4	5	6	8
Weight per dozen, lbs.	1 $\frac{3}{4}$	2	3	3 $\frac{3}{4}$	5
Per dozen	\$2.90	3.20	3.40	3.80	7.20

Half dozen in box



No. 37—Round steel blade; end of blade inserted in handle is squared thus securely fastening blade; rivet through steel ferrule, blade and handle; handle of hardwood, fluted and stained red; tip standard shape.

Length, blade, inches	3	4	5	6	7	8	10
Weight per doz., lbs.	1 $\frac{1}{2}$	2 $\frac{1}{2}$	3 $\frac{1}{2}$	4	4 $\frac{1}{2}$	6	9
Per dozen	\$4.60	4.90	5.50	6.20	7.00	8.00	9.80

Half dozen in box



No. 3—Pexto Solbar Knife Handle; excellent screw driver for automobiles and mechanics; equally handy about house or store; made of solid steel bar in one piece; handle shaped to fit hand; will not slip.

Length blade, in.	3	4	5	6	8	10
Size of rod	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{4}$
Wght. per doz., lbs.	4	4 $\frac{1}{2}$	5	8	11	13
Per dozen	\$8.90	9.60	11.00	13.20	18.00	23.00

Half dozen in box

## Yankee Screw Drivers



No. 12—Rosewood handle, Ratchet, operates across blade, stub blade  $1\frac{1}{2}$  inches long; for mechanics requiring a strong, substantial and compact tool. Weight per dozen, 3 $\frac{1}{2}$  lbs.

Per dozen ..... \$22.80  
Half dozen in box



No. 60—Pocket magazine Screw Driver with nickel plated steel magazine handle holding the four blades which are supplied. The blades are assorted sizes to suit different size screws. Length closed 3 inches and  $\frac{1}{4}$  inch diameter. Weight per dozen 1 $\frac{1}{2}$  lbs.

One dozen in box



No. 15—Similar to No. 10 but all sizes having  $\frac{1}{4}$  diameter blades for electricians use, a knurled washer on the blade can be turned by thumb and finger, while hand presses on end of handle to hold screw in place.

Length of blade, inches	3	4	5	6
Weight per dozen, lbs.	1 $\frac{1}{2}$	1 $\frac{1}{2}$	1 $\frac{1}{2}$	2
Per dozen	\$18.20	19.00	19.80	20.50

Half dozen in box



No. 35—Light Pattern Yankee Spiral Ratchet. Has straight round bits to drive screws through holes in insulators, etc.; when closed (without bit, only 7 inches long; conveniently carried in pocket; length with bit in chuck, closed 9 $\frac{1}{2}$  inches, extended 12 $\frac{1}{2}$  inches; small size; light pattern. Weight per dozen, 6 lbs. 4 ozs.

Per dozen ..... \$54.30  
One in paper box



No. 30—Yankee Spiral Ratchet; has all advantages of Yankee Ratchet Screw Driver and is well made; will drive or draw screws by pushing on handle or may be locked rigid; three bits of different widths with each tool; extreme length with bit in chuck, when closed 13 inches, when extended 19 $\frac{1}{2}$  inches. Weight per dozen, 13 $\frac{1}{2}$  lbs.

Per dozen ..... \$73.20

One in paper box



No. 10—Yankee Ratchet; has smooth working, noiseless ratchet mechanism; blade special high grade cast steel, properly tempered, ground and polished; all other metal parts nickel plated and buffed; hardwood handle, smoothly and handsomely polished; ratchet may be set for right or left hand or rigid by shifter on ferrule.

Length of blade, inches	4	5	6	8
Weight per dozen, lbs.	3 $\frac{1}{2}$	3 $\frac{1}{2}$	4 $\frac{1}{2}$	5 $\frac{1}{2}$
Per dozen	\$20.90	23.00	25.80	29.30

Half dozen in box



HALF ACTUAL SIZE

EXTRA DRILL POINTS  
In set of eight for Yankee Automatic Drills; each set contains following sizes:  $\frac{1}{16}$ ,  $\frac{1}{8}$ ,  $\frac{1}{4}$ ,  $\frac{3}{8}$ ,  $\frac{1}{2}$ ,  $\frac{3}{4}$ ,  $1\frac{1}{4}$ ,  $1\frac{1}{2}$  inches; made of finest quality of tool steel, tempered in oil; used in either wood or soft metal. Also carried in straight sizes as listed below.

Per set of 8 ..... \$1.80  
Per dozen ..... \$2.60  
One set or one dozen in wood box.



CHUCK WITH DRILL POINTS

No. 1—Chuck with 3 drills:  $\frac{1}{16}$ ,  $\frac{1}{8}$  and  $\frac{1}{4}$  inch, for use in Spiral screw driver No. 35, described above, put up in round wooden boxes.

Per dozen sets ..... \$11.00

No. 2—Chuck with 3 drill points:  $\frac{1}{16}$  to  $\frac{1}{4}$  inch inclusive, for use in Spiral screw driver No. 30, described above; put up in round wooden boxes.

Per dozen sets ..... \$21.90

Dozen in paper box

No. 31—Similar to No. 30 but larger and heavier length with bit in chuck 17 $\frac{1}{2}$  inches, when extended 20 $\frac{1}{2}$  inches, weight per dozen 18 $\frac{1}{2}$  lbs.

Per dozen ..... \$98.20

One in paper box



No. 130—This is the regular No. 30 with spiral spring added in handle as illustrated, which gives quick return of the handle for the next stroke. Weight per dozen 12 $\frac{1}{2}$  lbs.

Per dozen ..... \$83.60

One in paper box

No. 131—This is the regular No. 31 with spiral spring added as above described, weight per dozen 20 lbs.

Per dozen ..... \$112.80

One in paper box

## SCREW DRIVER BITS

Extra bits for all spiral screw drivers shown above.

Per set of 3 ..... \$1.20

Per dozen ..... \$4.80

Dozen in paper box.



No. 20—For driving screws only; ratchet can be set at rigid or for driving as desired, otherwise of similar construction to No. 30. Length with bit when closed 12 inches, when extended 17 inches, weight per dozen 8 $\frac{1}{4}$  lbs.

Per dozen ..... \$54.30

One in paper box



## COUNTERSINKS

No. 2—For Spiral Screw Driver No. 30; made of high grade steel; may be used in either hard or soft woods. Per dozen ..... \$5.70

No. 1—For Spiral Screw Driver No. 35; otherwise same as No. 2. Per dozen ..... \$5.70

Dozen in paper box



# Yankee Automatic Hand Drills



No. 40—Magazine handle containing eight drill points  $\frac{1}{8}$  to  $\frac{11}{16}$  inches; nickel plated and highly polished. Drill point stands still during upward movement of handle. Has ratchet movement for hard or tough wood, length as cut 10 $\frac{1}{2}$  inches. Weight per dozen, 7 $\frac{1}{2}$  lbs. Per dozen \$65.50



No. 50—Designed for drilling metals as well as wood, and so constructed that the drill runs continuously to the right during both forward and backward movement of the handle thereby drilling steadily. Pressure is had against head of tool which is provided with ball bearing to reduce friction. Chuck has three jaws for round shank drills up to  $\frac{1}{2}$  inch diameter. Length without drill 16 inches. Weight per dozen, 12 $\frac{1}{2}$  lbs. Per dozen \$88.60



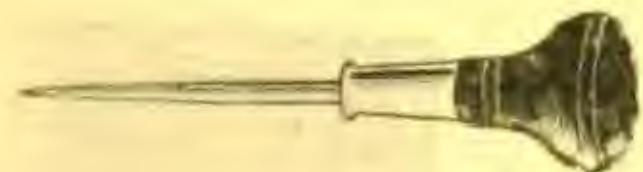
No. 4850—Handled Brad Awl; polished hardwood handle; brass ferrule; assorted sizes. Weight per dozen, 1 $\frac{1}{4}$  lbs. Per dozen \$1.00

One dozen in box.



No. 8—Scratch Awl; red stained handle; steel ferrule; polished steel point. Length 7 inches. Weight per dozen, 2 lbs. Per dozen \$1.50

One dozen in box.



No. 30—Scratch Awl; red stained handle; heavy steel ferrule; polished steel point. Length over all 6 $\frac{1}{2}$  inches. Weight per dozen, 2 lbs. Per dozen \$4.00

One dozen in box.



No. 10—Scratch Awl; Red stained handle; forged steel bit, socket pattern, 5 inches long. Length over all 7 inches. Weight per dozen, 2 $\frac{1}{2}$  lbs.

Per dozen \$3.00

One dozen in box.



No. 41—Yankee Checkered Metal Handle; made of steel and brass, nickel plated and buffed; eight drill points,  $\frac{1}{8}$  to  $\frac{11}{16}$  inches; in plain sight when magazine is open; during return movement of handle drill point revolves backward to clear chips, etc.; entire length of tool, inclusive of drill point, 11 $\frac{1}{2}$  inches. Weight per dozen, 7 lbs. 12 oz. Per dozen \$58.50



No. 44—Yankee Smooth Metal Handle; eight drill points,  $\frac{1}{8}$  to  $\frac{11}{16}$  inches; magazine in handle, arranged to show all in plain sight; when inserting drill magazine is up making tool very handy; entire length of drill, inclusive of drill points, 11 $\frac{1}{2}$  inches. Weight per dozen, 9 lbs. Per dozen \$70.30

All above one in box.

## AWLS AND HANDLES



No. 6—Sewing Awl; applewood handle, with screw nut and wrench. Weight per dozen, 2 lbs. Per dozen \$4.30

One dozen in box.



No. 6—Peg and Haft; hickory, wood with leather tip; screw nut and wrench. Weight per dozen, 2 lbs. Per dozen \$4.30

One dozen in box.



No. 217—Peg Awl; shouldered; extra cast steel; assorted sizes. Weight per gross, 1 lb. Per gross \$1.50



No. 210—Straight Sewing Awl; extra cast steel; assorted sizes. Weight per gross, 1 lb. Per gross \$3.2

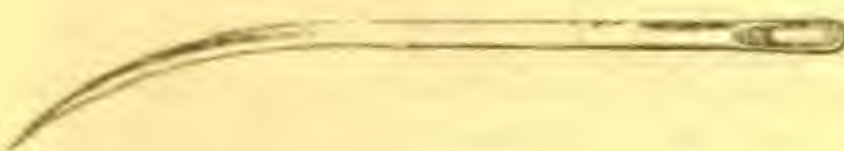


No. 204—Bent Sewing Awl; extra cast steel. Weight per gross. Per gross \$5.50



No. 214—Brad Awl; shouldered; extra cast steel; assorted sizes; weight per gross, 1 lb. Per gross \$2.50

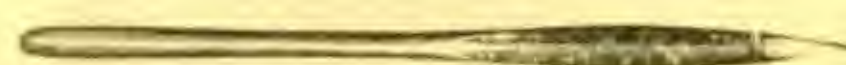
## NEEDLES



Packing Needle; bent pattern; extra cast steel; polished finish.

Length, inches	3	3 $\frac{1}{2}$	4	4 $\frac{1}{2}$
Weight per gross, lbs.	1	1 $\frac{1}{4}$	1 $\frac{1}{2}$	2
Per dozen	\$0.24	0.26	0.28	0.30

Length, inches	5	5 $\frac{1}{2}$	6	8
Weight per gross, lbs.	3	3 $\frac{1}{2}$	4	5 $\frac{1}{2}$
Per dozen	\$0.32	0.36	0.40	0.56



Glovers Needles; cast steel, polished finish; average weight per gross,  $\frac{1}{4}$  lb.

Size number	0	1	2	3	4
Per 100	\$1.50	1.20	1.20	1.20	1.20



Harness Needles; cast steel, polished finish; average weight per hundred, 3 ounces.

Size numbers	1	2	3	4
Per 100	\$0.70	0.70	0.70	0.70



No. 42—Yankee Wood Handle; no magazine for drill points; eight drill points in small wooden box, sizes  $\frac{1}{8}$  to  $\frac{11}{16}$  inches; on return movement of handle drill point revolves backwards to clear chips, etc.; entire length of drill, inclusive of drill point, 11 $\frac{1}{2}$  inches. Weight per dozen, 5 $\frac{1}{2}$  lbs. Per dozen \$46.20



No. 43—Yankee Wood Handle; of light design for light work. Supplied with three drill points  $\frac{1}{8}$ ,  $\frac{3}{16}$  and  $\frac{1}{2}$  inch diameter; metal parts nickel plated and highly polished. Entire length 10 $\frac{1}{2}$  inches. Weight per dozen, 2 $\frac{1}{2}$  lbs. Per dozen \$31.20

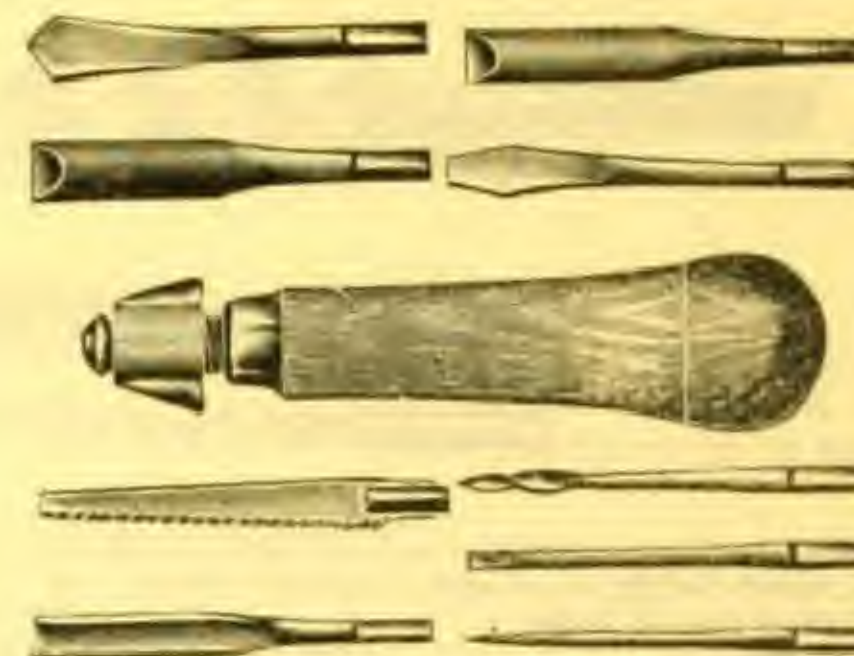


Never-Rip—Sewing Awl; a most convenient sewing awl for shoes, harness, suit cases, auto tops, saddles, tents, etc. A reel of thread enclosed in the handle supplies the needle as shown. Extra needles of different sizes are also enclosed in handle. Rosewood stained handle. Length 4 $\frac{1}{2}$  inches. Weight per dozen, 4 lbs. Per dozen \$15.00

Half dozen in display box.

Extra Bobbins threaded. Per dozen \$4.00

## AWLS AND TOOLS



No. 160—Applewood Handle; with polished thumb nut and jaws; contains 9 cast steel tools as shown, and which are contained in the handle. Length 6 inches. Weight per dozen, 5 lbs. Per dozen \$20.00

Half dozen in box.



No. 220—Imitation Coco Bola handle; knurled steel chuck of the latest approved type; hardened steel jaws operated by spring holds securely 10 tempered steel 4 inch tools as illustrated. Length of handle 7 $\frac{1}{2}$  inches. Weight per dozen, 12 lbs. Per dozen \$45.00

One in box.



## Auger Bits

## DOUBLE TWIST



Gilmore pattern; Auger Bits with double spurs and lips.

Size, inches	1	1 1/4	1 1/2	1 3/4	2	2 1/4	2 1/2	3	3 1/4
Weight per dozen, lbs.	5.00	5.00	5.00	5.00	5.00	5.00	6.00	6.00	6.00
Manufacturers' List	\$6.00	5.00	5.00	5.00	5.00	5.00	6.00	6.00	6.00
Half dozen in box.									
Size, inches	1/2	3/4	1	1 1/4	1 1/2	1 3/4	2	2 1/4	2 1/2
Weight per dozen, lbs.	3 1/2	4	4 1/2	5	5 1/4	5 1/2	6 1/2	7 1/2	8 1/2
Manufacturers' List	\$7.00	7.00	8.25	8.25	9.50	9.50	12.00	14.00	14.00
Gilmore, Discount									
Standard, Discount									
Half dozen in box.									

## SOLID CENTRE



Irwin Pattern Auger Bits with solid center stem, double cutter and extension lips.

Size, inches	1/2	3/4	1	1 1/4	1 1/2	1 3/4	2	2 1/4	2 1/2
Weight per dozen, lbs.	3	3 1/4	3 1/2	3 3/4	4	4 1/4	4 1/2	4 3/4	5
Manufacturer's List	6.00	5.00	5.00	5.00	5.00	5.00	6.00	6.00	6.00
Size, inches	1/2	3/4	1	1 1/4	1 1/2	1 3/4	2	2 1/4	2 1/2
Weight per dozen, lbs.	3	3 1/4	3 1/2	3 3/4	4	4 1/4	4 1/2	4 3/4	5
Manufacturers' List	\$7.00	7.00	8.25	8.25	9.50	9.50	12.00	14.00	14.00
Irwin, Discount									
Keystone, Discount									
Half dozen in box.									

## AUGER BIT SETS



No. 13—Gilmore; contains one each 1/4, 3/8, 1/2, 5/8, 3/4, 7/8, 1, 1 1/4, 1 1/2, 1 3/4, 2, 2 1/4, 2 1/2 and 1 inch; weight per set, 5 lbs. Per set \$11.70

## EXTENSION BIT HOLDER



No. 5—For use in connection with Brace or Breast drill. Has four jaw master chuck which holds bit stocks or round shanks; will follow bit through 1/4 in. hole. Full nickel plated finish.  
Length, inches 12 18  
Weight per dozen, lbs. 7 9  
Per dozen \$21.00 30.00  
One in a box.

## GIMLET BITS



No. 183—Made of High Grade Forged Steel; carefully tempered; average weight per dozen, 1 lb.  
Sizes in 32nds 2 3 4 5 6 7 8 9 10 12  
Per dozen \$2.30 2.30 2.30 2.30 2.50 2.50 2.50 2.50 2.70 2.70  
One dozen in box.

## GIMLETS



No. 136—Bell Hangers Gimlets; Boxwood head size of shank 1/4 inch by 24 inches long; weight per dozen, 6 lbs. Per dozen \$9.00  
Half dozen in package.  
No. 83—Handled Gimlet; boxwood head; assorted sizes from 1/4 to 1 1/4 inch; length over all 1 1/2 inches; weight per gross, 8 lbs. Per dozen \$2.50  
One dozen in box.

## IRWIN BIT SETS



"A" Set consists of 9 bits, one each as follows: 1/4, 3/8, 1/2, 5/8, 3/4, 7/8, 1, 1 1/4, 1 1/2, and 1 inch, in neat wood case.

Weight per set, 2 3/4 lbs.

Per set \$9.80

"D" Set consists of 13 bits, one each as follows: 1/4, 3/8, 1/2, 5/8, 3/4, 7/8, 1, 1 1/4, 1 1/2, 1 3/4, 2, 2 1/4, 2 1/2, and 1 inch in varnished wood case as shown.

Weight per set, 5 lbs.

Per set \$14.00

## EXPANSIVE BITS



Forged from high grade tool steel; open screw thread points which bore easily and do not clog; two cutters with each bit; polished finish.

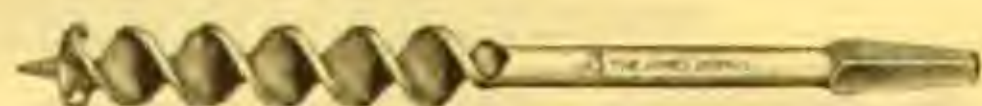
Size, inches	Small	Large
Boring sizes, inches	1/2 to 1 1/2	7/8 to 3
Weight per dozen, lbs.	4	5
Per dozen	\$36.00	51.00

## EXTRA CUTTERS

Number	1	2	3	4
For Bits	Small	Small	Large	Large
Per dozen	\$6.00	7.50	10.50	12.00
Half dozen in a box.				



## Tapping Bits



No. 93—Cook pattern; plug or sugar tapping bit; double spur; double twist; length over all  $6\frac{1}{2}$  inches.

Size, inches	6/16	7/16	8/16	9/16
Weight per dozen, lbs.	1 $\frac{1}{4}$	1 $\frac{1}{2}$	1 $\frac{3}{4}$	2
Per dozen	\$10.00	10.00	10.00	12.00

Half dozen in a box.



No. 60—Cyclone pattern; sugar tapping bit; gimlet point; single twist; length over all  $6\frac{1}{2}$  inches.

Size, inches	6/16	7/16	8/16	9/16
Weight per dozen, lbs.	1 $\frac{1}{4}$	1 $\frac{1}{2}$	1 $\frac{3}{4}$	2
Per dozen	\$10.00	10.00	10.00	12.00

## Centre Bits



No. 241—Forged from high grade cast steel; bright finish; square shank; used by stair builders and for shallow boring.

Size, inches	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1	1 $\frac{1}{8}$	1 $\frac{1}{4}$	1 $\frac{3}{8}$	1 $\frac{1}{2}$	1 $\frac{5}{8}$	1 $\frac{3}{4}$	2
Length, inches	4 $\frac{1}{2}$	4 $\frac{1}{2}$	5	5 $\frac{1}{4}$	5 $\frac{1}{2}$	5 $\frac{3}{4}$	6	6	6 $\frac{1}{4}$	6 $\frac{1}{2}$	6 $\frac{3}{4}$	6 $\frac{3}{4}$
Weight per dozen, lbs.	$\frac{3}{4}$	1	1	1 $\frac{1}{8}$	1 $\frac{3}{8}$	1 $\frac{1}{2}$	1 $\frac{3}{4}$	2	2 $\frac{1}{4}$	2 $\frac{1}{2}$	2 $\frac{3}{4}$	3 $\frac{1}{2}$
Per dozen	\$1.30	4.40	4.50	4.70	5.20	5.50	6.20	6.60	7.50	8.80	10.00	13.50

One dozen in a box.

## Augers

## EYE AUGERS



No. 31—Short Eye Augers; Cast Steel; with bright twist; total length 15 to 20 inches.

Size, inches	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1	$1\frac{1}{4}$
Weight per dozen, lbs	5 $\frac{1}{2}$	6	7	9 $\frac{1}{2}$	8 $\frac{1}{2}$	11
Manufacturers' list. Per dozen	\$11.00	12.00	13.00	14.00	15.00	18.25
Size, inches	$1\frac{1}{2}$	$1\frac{3}{4}$	2	$2\frac{1}{2}$	3	
Weight per dozen, lbs	21	25	30	37	42	
Manufacturers' list. Per dozen	\$22.75	26.75	39.00	48.00	88.00	
Quarter dozen in package.						

Quarter dozen in package.

## CAR AUGER BITS



Gilmore; Extra Cast Steel; double spur; 12 inch twist.

Size, inches	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	$\frac{1}{2}$	$\frac{3}{4}$	$\frac{5}{8}$	1
Weight per dozen, lbs.	2 $\frac{3}{4}$	3 $\frac{1}{4}$	4	4 $\frac{1}{2}$	5 $\frac{3}{4}$	6 $\frac{1}{2}$	8
Manufacturers' list, per dozen	\$11.25	11.25	11.25	11.25	13.75	16.25	19.00

Half dozen in box.

## BORING MACHINE AUGERS



Solid Cast Steel; full polished; double cutter;  $\frac{1}{2}$  inch shank.

Size, inches	1	1 $\frac{1}{4}$	1 $\frac{1}{2}$	2
Weight per dozen, lbs.	8	10 $\frac{1}{2}$	13	18
Manufacturer's list, per dozen	\$15.00	19.00	24.00	32.00

Open Stock.

## SHIP AUGERS



Snell—Cast Steel; Single Twist; with or without screw.

Size, inches	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	$\frac{1}{2}$	$\frac{3}{4}$	$\frac{5}{8}$	1
Weight per doz., lbs.	3 $\frac{1}{2}$	6	7	9	9 $\frac{1}{2}$	10	12	14
Mfrs list, Per dozen								
Without Screw	\$13.20	13.20	13.20	14.40	14.40	15.60	15.60	17.40
With Screw	\$11.00	11.00	11.00	12.00	12.00	13.00	13.00	14.50

Half dozen in box.

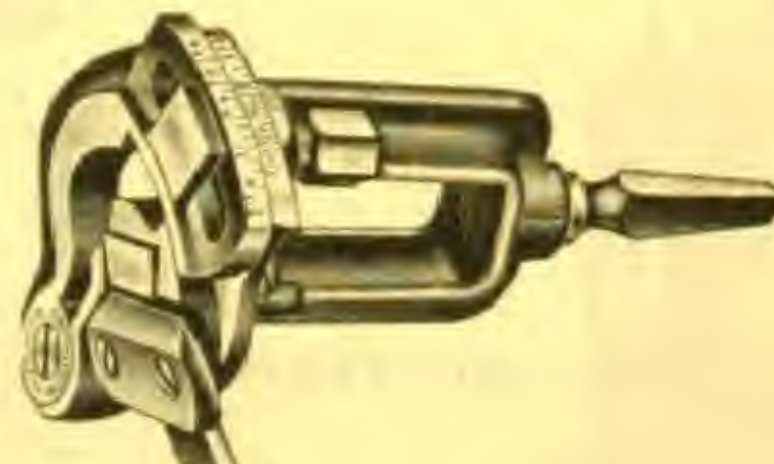
## SPOKE TRIMMERS



No. 2—Bonney; adjustable shank; cast steel adjustable knife; trims spokes up to 2 $\frac{1}{2}$  inches;

Weight per dozen, 11 lbs. Each \$2.00

Quarter dozen in box.



No. 60—Stearns; malleable iron frame; jaws instantly adjusted by right and left hand screw; cuts tenon from  $\frac{1}{4}$  to  $\frac{1}{2}$  inch; length of tenon regulated by adjustable stop and graduated scale.

Weight per dozen, 24 lbs. Each \$12.00

Two in cardboard box.

## HOLLOW AUGERS



No. 4—Stearns; malleable iron frame; steel shank; tool steel knife; quickly adjusted; cuts tenon from  $\frac{3}{8}$  to 1 inch; stop regulates length of tenon; weight per dozen 22 lbs. Each \$3.00

Two in cardboard box.



## Drills

## BIT STOCK DRILLS



No. 109—Bit Stock Twist; Carbon Steel; for metal, fit any style brace; drills steel, iron, or other metals as well as wood; not injured by striking screws or nails.

Diameter, inches	$\frac{1}{8}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\frac{7}{16}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	$1\frac{1}{8}$	$1\frac{1}{4}$
Length, inches	3	3	4	4	4	5	5	5	6	6	7	8
Weight per doz., lbs.	1	1	1	1	1	1	1	1	1	1	1	1
Mfr's List, dozen	\$2.50	2.50	3.00	3.50	4.00	4.50	5.00	6.00	7.00	8.00	9.00	10.00

Diameter, inches	$\frac{1}{8}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\frac{7}{16}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	$1\frac{1}{8}$	$1\frac{1}{4}$
Length, inches	6	6	6	6	6	7	7	7	7	7	7	7
Weight per doz., lbs.	1	1	1	1	1	1	1	1	1	1	1	1
Mfr's List, dozen	\$8.50	9.25	10.50	11.75	13.00	14.25	15.50	18.00	21.00	24.00	27.00	30.00

Dozen in wood box

## BLACKSMITH'S DRILLS



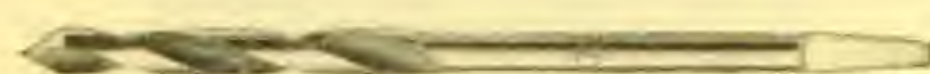
No. 112—Style No. 2; Short Length; for drill presses; shanks  $2\frac{1}{4}$  inches long;  $\frac{1}{2}$  inch in diameter.

Diameter, inches	$\frac{1}{8}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\frac{7}{16}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	$1\frac{1}{8}$	$1\frac{1}{4}$
Length, inches	4	4	4	4	4	4	4	4	4	4	4	4
Weight, per doz., lbs.	1	1	1	1	1	1	1	1	1	1	1	1
Mfr's List, each	\$0.45	.45	.50	.55	.60	.65	.70	.75	.80	.85	.90	.95

Diam. ins.	$\frac{1}{8}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\frac{7}{16}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	$1\frac{1}{8}$	$1\frac{1}{4}$
Length, ins.	6	6	6	6	6	6	6	6	6	6	6	6
Wt., per doz., lbs.	2	2	2	2	2	2	2	2	2	2	2	2
Mfr's List, Each	\$0.90	.95	1.00	1.05	1.10	1.20	1.30	1.50	1.70	1.90	2.10	2.50

Dozen in wood box

## WOOD BORING DRILLS



No. 109B—Wood Boring Twist Drill, carbon steel. Has long tapered point adapted for boring all kinds of wood without splitting.

Diameter, inches	$\frac{1}{8}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\frac{7}{16}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	$1\frac{1}{8}$	$1\frac{1}{4}$
Length, inches	4	4	4	4	4	4	4	4	4	4	4	4
Weight, per doz., lbs.	1	1	1	1	1	1	1	1	1	1	1	1
Mfr's List, dozen	\$3.25	4.00	5.00	6.00	7.00	8.00	9.50					

Dozen in wood box

## STRAIGHT SHANK DRILL



No. 105—Straight Shank; Carbon Steel; for Jobbers or Machinists

Diameter, inches	$\frac{1}{8}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\frac{7}{16}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	$1\frac{1}{8}$	$1\frac{1}{4}$
Length, inches	2	2	3	3	3	3	4	4	4	4	4	4
Length, twist, inches	1	1	1	1	1	1	1	1	1	1	1	1
Weight per dozen, lbs.	1	1	1	1	1	1	1	1	1	1	1	1
Mfr's List, dozen	\$1.60	1.70	1.80	1.90	2.25	2.75	3.25	3.80	4.35			

Open Stock

## TAPER SHANK TWIST DRILLS



No. 102—Taper Shank Twist; Carbon Steel; for drilling machines using a taper shank drill.

No. 1—Taper Shank;  $\frac{1}{2}$  inch at shoulder.

Diameter, inches	$\frac{1}{8}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\frac{7}{16}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	$1\frac{1}{8}$	$1\frac{1}{4}$
Length, over all, inches	6	6	6	6	6	6	6	6	6	6	6	6
Length of twist, inches	3	3	3	3	3	3	3	3	3	3	3	3
Manufacturer's List, each	\$0.60	.65	.70	.75	.80	.85	.90	.95	1.00	1.10	1.20	1.40

Diameter, inches	$\frac{1}{8}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\frac{7}{16}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	$1\frac{1}{8}$	$1\frac{1}{4}$
Length, over all, inches	8	8	9	9	10	10	10	10	10	10	10	10
Length of twist, inches	4	4	4	4	4	4	4	4	4	4	4	4
Manufacturer's List, each	\$1.50	1.60	1.80	2.00	2.20	2.40	2.60					

No. 2—Taper Shank;  $\frac{1}{4}$  inch at shoulder.

Diameter, inches	$\frac{1}{8}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\frac{7}{16}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	$1\frac{1}{8}$	$1\frac{1}{4}$
Length, over all, inches	8	8	9	9	10	10	10	10	10	10	10	10
Length of twist, inches	4	4	4	4	4	4	4	4	4	4	4	4
Manufacturer's List, each	\$1.50	1.60	1.80	2.00	2.20	2.40	2.60					

No. 3—Taper Shank;  $\frac{1}{2}$  inch at shoulder.

Diameter, inches	$\frac{1}{8}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\frac{7}{16}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	$1\frac{1}{8}$	$1\frac{1}{4}$
Length, over all, inches	10	11	11	11	12	12	12	12	12	12	12	12
Length of twist, inches	6	6	6	6	7	7	7	7	7	7	7	7
Manufacturer's List, each	\$3.00	3.50	4.00	4.50	5.00	5.50						

Open Stock

## DRILL SLEEVES



No. 100B—For No. 102 Taper Shank Drills.

Sizes	1	2	3	4
Fits drills, inches	$\frac{1}{8}$ to $\frac{1}{4}$	$\frac{1}{4}$ to $\frac{3}{8}$	$\frac{3}{8}$ to $\frac{1}{2}$	$\frac{1}{2}$ to $\frac{3}{4}$
Fits socket Nos.	2	3	4	5
Each	\$1.80	2.40	3.00	4.40

Open stock

## TAPER SQUARE SHANK DRILLS



No. 109E—Taper Square Shank Twist Drills to fit Ratchet Drills; Carbon Steel; shank  $\frac{1}{2}$  inch by  $\frac{1}{2}$  inch, and  $1\frac{1}{2}$  inches long.

Diameter, inches	$\frac{1}{8}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\frac{7}{16}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	$1\frac{1}{8}$	$1\frac{1}{4}$
Length, inches	5	5	6	6	6	6	6	6	6	6	6	6
Weight per dozen, lbs.	1	1	1	1	1	1	1	1	1	1	1	1
Mfr's List, each	\$1.00	1.10	1.20	1.25	1.30	1.40	1.55	2.05	2.55			

Open Stock

## REAMERS

## SQUARE REAMERS

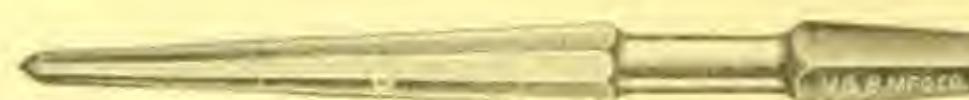


No. 5—Special Cast Steel; oil tempered; polished finish; length over all 6 inches.

Weight per dozen, 2 lbs.	Per dozen
\$4.00	

One dozen in a box

## OCTAGON REAMERS



No. 100—Refined Cast Steel; polished finish; oil tempered; length over all 6 inches.

Weight per dozen, 2 lbs.	Per doz.
\$5.00	

One dozen in a box

## SNAIL COUNTERSINKS



No. 11—Snail Head; for Wood Only; polished cast steel. Weight per dozen,  $1\frac{1}{2}$  lbs.

Per dozen	\$4.00
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One dozen in box

## ROSE COUNTERSINKS



No. 12—Rose Head; for Metal; polished cast steel. Weight per dozen,  $1\frac{1}{2}$  lbs.

Per dozen	\$4.20
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One dozen in box

## SCREW DRIVER BITS



No. 653—Cast Steel with Square Shank; assorted sizes,  $\frac{1}{4}$  to  $\frac{1}{2}$  inch. Weight per dozen, 2 lbs.

Per dozen	\$2.50
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One dozen in box



## Nail Sets



No. 30—Knurled Cup Point; made of finest quality tool steel, tempered entire length;  $\frac{1}{2}$  inch diameter; assorted points of following sizes:  $\frac{1}{8}$ ,  $\frac{1}{4}$ ,  $\frac{3}{8}$ ,  $\frac{1}{2}$  and  $\frac{5}{8}$ . Put up in assorted sizes in round wood box. Per dozen \$3.00

Dozen in box.



No. 435—Knurled Cup Point; made of highest grade tool steel; carefully tempered; polished finish; square head to prevent rolling;  $\frac{1}{2}$  inch diameter; one dozen assorted sizes in box. Per dozen \$4.00

Dozen in box.



No. 11A—Stanley Nail Set; made of finest special tool steel, hardened at both ends, oil tempered and blued; knurled handle; cupped tip and rounded edges; assorted sizes in each set, as follows: Five  $\frac{1}{8}$ , three  $\frac{1}{4}$  and four  $\frac{3}{8}$  inch tips. Weight per dozen,  $\frac{3}{4}$  lb. Per dozen \$3.50

Dozen sets in display box.

## Punches



No. 23—Octagon Centre Punch; forged from best quality tool steel; points and head polished;  $\frac{1}{2}$  inch diameter; length 4 inches; weight per dozen, 1  $\frac{1}{4}$  lbs. Per dozen \$5.60

One dozen in box.



No. 438—Knurled Prick Punch; high grade tool steel; square head polished finish;  $\frac{1}{2}$  inch diameter, 4 inches long; Weight per dozen, 1 lb. Per dozen \$4.00

One dozen in box.



Cast Steel Belt Punch; oil finish; punches round hole; for use on leather, paper and other soft material only.

Size, numbers	3	4	5	6	7	8
Cuts hole, ins.	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{3}{4}$	$\frac{7}{8}$
Length, ins.	4	4	4	4	4	4
Wgt. per doz., lbs.	1	1	1	1	1 $\frac{1}{2}$	1 $\frac{1}{2}$
Per dozen	\$1.50	1.50	1.60	1.70	2.00	2.30

Size, numbers	9	10	12	14	16
Cuts hole, inches	$\frac{1}{2}$	$\frac{3}{4}$	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$
Length, inches	4	4	4	4	4
Weight per dozen, lbs.	1 $\frac{1}{2}$	1 $\frac{1}{2}$	2	2 $\frac{1}{2}$	2 $\frac{1}{2}$
Per dozen	\$2.50	3.00	4.00	5.40	7.00

One dozen in box.



No. 21—Revolving Belt Punch; cast steel; polished; punches four sizes of holes, Nos. 4, 6, 8 and 10; length, 9 inches. Weight per dozen, 11 lbs. Per dozen \$22.00

No. 26—Revolving Belt Punch; cast steel; polished; punches six sizes of holes, Nos. 2, 4, 6, 8, 9 and 10; length 9 inches. Weight per dozen, 12 lbs. Per dozen \$28.00

Half dozen in box.



No. 21A—Spring Punch; cast steel; polished; assorted sizes Nos. 4, 5, 6, 7, 8 and 9; length 7  $\frac{1}{2}$  inches; weight per dozen 6  $\frac{1}{2}$  lbs. Per dozen \$14.50

Half dozen in box.

## Cold Chisels



Agricultural; made of octagon tool steel.

Width of cut, inches	$\frac{1}{2}$	$\frac{3}{4}$	$\frac{1}{2}$	$\frac{3}{4}$	1
Length, inches	6	7	8	9	9
Average Weight per dozen, lbs.	3 $\frac{1}{2}$	6 $\frac{1}{2}$	11	12	17
Per dozen	\$4.50	5.50	8.00	11.50	14.00

$\frac{1}{2}$  inch and  $\frac{3}{4}$  inch sizes, dozen in box; other sizes, half dozen in box.

No. 1A—High Grade Forged Tool Steel; octagon body, highly polished blade and head; tempered and sharpened beveled cutting edge.

Width cut, inches	$\frac{1}{2}$	$\frac{3}{4}$	$\frac{1}{2}$	$\frac{3}{4}$	$\frac{1}{2}$	1
Length, inches	5	6	7	8	8	9
Weight per dozen, lbs.	1 $\frac{1}{2}$	3 $\frac{1}{2}$	6 $\frac{1}{2}$	9 $\frac{1}{2}$	14	20
Per dozen	\$6.80	8.00	10.40	11.50	15.00	19.50

Half dozen in cardboard box.



No. 332—Diamond Point Chisel; made from nickel steel.

inch Point	Per doz.
$\frac{1}{4}$	\$7.20
$\frac{3}{8}$	\$9.00
$\frac{1}{2}$	\$11.70

Packed half dozen in box.



No. 331—Round Nose Chisel; made from nickel steel.

inch Point	Per doz.
$\frac{1}{4}$	\$7.20
$\frac{3}{8}$	\$9.00
$\frac{1}{2}$	\$11.70

Packed half dozen in box.



No. 335—Cape Chisel; for key-seating, made from nickel steel.

inch Point	Per doz.
$\frac{1}{4}$	\$7.20
$\frac{3}{8}$	\$9.00
$\frac{1}{2}$	\$11.70

Packed half dozen in box.

### PUNCH ASSORTMENT



No. 490

No. 490—Punch assortment; This display contains 8 only solid punches; 4 only centre punches; 2 only prick punches and 10 only pin punches; 24 high grade tools of best tool steel; hand forged, carefully tempered, knurled handles and highly finished. They are assorted in size and put up in display box as shown; weight of each assortment, 5 lbs. 5 oz. Each \$13.00

### CHISEL ASSORTMENT



No. 430

No. 430—Chisel assortment; an assortment of high quality tools containing 7 cold chisels, 5 solid punches, 2 centre punches, 2 prick punches; and 8 pin punches, a total of 24 tools in assorted sizes, well finished, knurled handles, every tool warranted; packed in durable display box as illustrated. Weight each assortment 5 lbs. 2 ozs. Each \$14.50



## Panel, Hand and Rip Saws

We are justly proud of our showing of hand, panel and rip saws, which represents the best sellers of several well known manufacturers. Special attention is called to our own "King Cutter" brand, a medium priced saw of proven quality, and a general favorite with the mechanic, farmer and householder. Kindly order in full packages as indicated below, which represents a minimum stock for the average store.



No. 9—Taylor Hand Saw; Straight back cast steel blade, filed and set, hardwood handle varnished edges with three brass screws. Length of blade 26 inches. Weight per dozen 26 lbs.

Per dozen..... \$28.00

Six in box.



No. 7—Leader Hand Saw; skew back, cast steel blade with polished edge, filed and set, varnished hardwood handle, with four brass screws.

Length, inches	18	22	24	26	26 Rip
Points per inch	10 to 12	8 to 10	8 to 10	7 to 9	5 to 5½
Weight per dozen, lbs.	16	23	24	27	27

Per dozen..... \$25.40 27.60 28.60 29.80 29.80

Four in box.



No. 4½—Maple Leaf; skew back; razor steel; tempered by secret process; carved and varnished beech handle; brass screws.

Length, inches	18	22	26	26 Rip
Points per inch	10 to 12	8 to 10	6 to 10	4½ to 5½
Weight per dozen, lbs.	16	23	27	27

Per dozen..... \$44.10 49.50 57.60 57.60

Four in box.



KING CUTTER—Skew back; High grade crucible steel blade; thin back; uniform quality; fine temper; properly lung; varnished applewood handle. Four screws.

Length, inches	18	22	24	26	26 Rip
Points per inch	10 to 12	8 to 10	8 to 10	7 to 9	5 to 5½
Weight per dozen, lbs.	15	23	24	27	27

Per dozen..... \$36.90 41.80 44.30 46.80 46.80

Four in a box.



No. 70—Atkins; Special steel; skew back; laper ground; polished edge; highly finished; apple handle; varnished edges; four screws.

Length, inches	18	22	24	26	26 Rip
Points per inch	10 to 12	9 to 11	8 to 10	7 to 10	4½ to 5½
Weight per dozen, lbs.	16	23	24	27	27

Per dozen..... \$36.80 44.00 47.80 51.40 51.40

Four in a box.



No. 88—Disston; Refined crucible steel blade, skew back; full polished; apple handle; five brass screws; warranted.

Length, inches	18	22	24	26	26 Rip
Points per inch	10 to 12	8 to 10	8 to 10	7 to 9	4½ to 5½
Weight per dozen, lbs.	15	23	24	27	27

Per dozen..... \$49.60 58.80 63.00 65.60 65.60

Four in a box.



No. 53—Atkins; Silver steel; skew back; damaskeened blade; carved and polished apple handle; four screws.

Length, inches	18	22	24	26	26 Rip
Points per inch	10 to 12	9 to 11	8 to 10	7 to 10	5 to 6
Weight per dozen, lbs.	15	23	24	27	27

Per dozen..... \$43.10 52.50 56.60 59.10 59.10

Four in a box.



No. 1—Arrowhead; skew back; Vanadium steel; highly polished; carefully tempered; correctly lung; carved beech handle; varnished finish; five screws.

Length, inches	18	22	24	26	26 Rip
Points per inch	10 to 12	8 to 10	8 to 10	7 to 9	4½ to 5½
Weight per dozen, lbs.	15	23	24	27	27

Per dozen..... \$44.20 48.00 51.90 55.80 59.60 59.60

Four in box.



## Miscellaneous Saws

## COMPASS SAWS



No. 3—Atkins; Silver Steel; carved and polished beech handle; saw screws are used to attach blade to the handle.

Length of blade, inches.....	12	14
Weight per dozen, lbs.....	7	8
Per dozen.....	\$12.00	13.00

Half dozen in box.



No. 23—Shurly; Arrow Head; thin back blade; beech handle; varnished edges.

Length of blade, inches.....	12	14
Weight per dozen, lbs.....	6½	7
Per dozen.....	\$12.40	12.90

Half dozen in box.

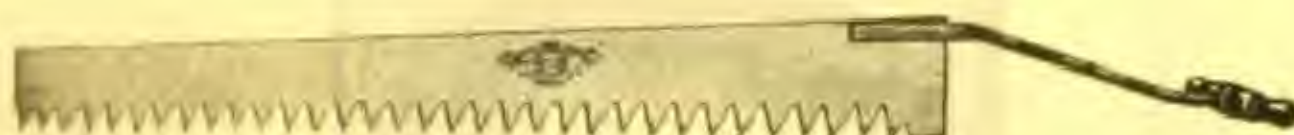


No. 24—Shurly; crucible steel blade; beech handle; two screws.

Length of blade, inches.....	12	14
Weight per dozen, lbs.....	6½	7
Per dozen.....	\$8.40	9.00

Half dozen in box.

## ICE SAWS



Simonds; Polished saw Steel; tapers from 7 inches at butt to 5 inches at point; thickness 11 gauge.

Length, feet.....	4	4½	5	5½
Weight each, lbs.....	8	9	10	12
Each, with handle.....	\$11.30	12.20	13.10	14.00

## BACK SAWS



No. 21—Shurly; silver steel; polished blade and back; polished beech handle; three saw screws.

Length, inches.....	10	12	14	16
Weight per dozen, lbs.....	15	17	21	24
Per dozen.....	\$15.58	50.90	56.40	62.00

Third dozen in box.

## PRUNING SAWS



No. 31—Shurly; double edge; one edge fine tooth and the other lance tooth; best saw steel; varnished beech handle; two screws; length of blade 18 inches. Weight per dozen, 8 lbs. Per dozen \$20.00

Half dozen in box.

## NEST SAWS



No. 3—Disston; nest of saws includes one 16 inch pruning blade; one 14 inch compass blade and one 10 inch key hole blade; varnished beech handle with tail nut. Weight per dozen sets, 12 lbs. Per dozen sets \$37.20

Three sets in box.

No. 3—Atkins; nest of saws includes one 18 inch metal cutting blade; one 14 inch compass blade and one 12 inch key hole blade; varnished beech handle with tail nut. Weight per dozen sets 13 lbs. Per dozen \$57.00

Three sets in box.

## Coping Saws

## CABLE

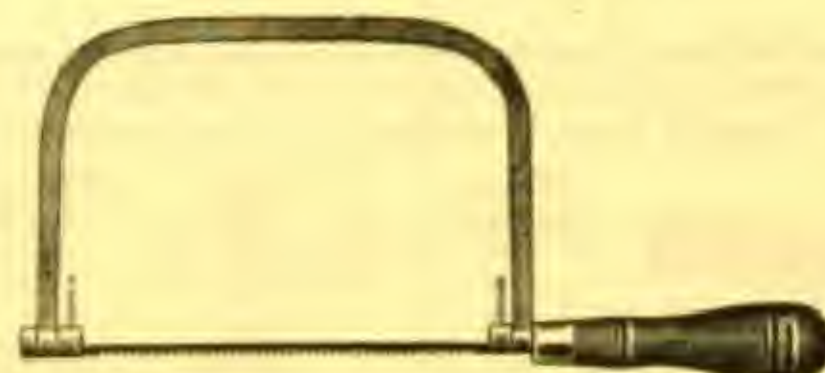


No. 1—Tubular Frame; heavily nickel plated; hardwood handle; depth from back to blade 4 inches; length of blade 6 inches. Weight per dozen, 5½ lbs.

Per dozen.....	\$32.00
Extra blades. Per doz.....	\$9.84

Two in box.

## ADJUSTABLE



No. 50—Flat Steel Frame; very rigid; hardwood handle; 6 inch blade can be set at any angle; depth of frame 4 inches. Weight per dozen 5½ lbs.

Per dozen.....	\$17.20
Extra blades. Per dozen.....	\$9.84

Half dozen in box.

## ADJUSTABLE



No. 110—Round Steel Frame; nickel plated; black wood handle; adjustable blade; weight per dozen, 5 lbs.

Per dozen.....	\$8.80
Extra blades, per dozen.....	\$9.30



## Buck Saws

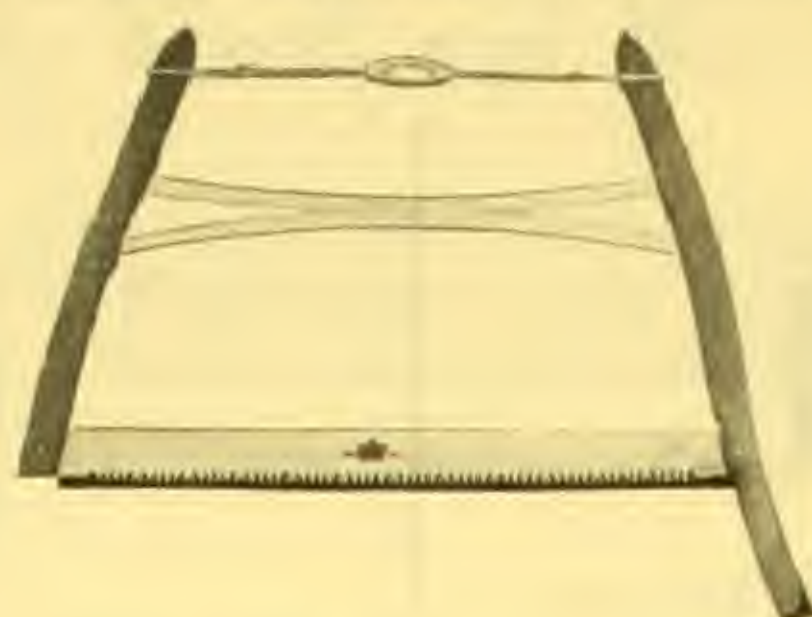


No. 49—Happy Medium; Plain Tooth Blade; red painted frame with double brace and single rivet; plain rod; blade 2 inches wide at butt, 1½ inches wide at tip; straw color steel; tempered, set, filed and ready for use; length of blade, 30 inches; length of rod, 24 inches. Weight per dozen, 55 lbs. Per dozen \$24.00

No. 49L—Happy Medium; Lance Tooth Blade; length of blade, 30 inches; length of rod, 24 inches. Weight per dozen, 55 lbs. Per dozen \$26.00

Half dozen in box.

## BUCK SAW RODS



No. 46—Prince Rupert; Improved Racer Lance Tooth Blade; selected wood frame, finished in green enamel; extra heavy cross bar, finished in white enamel; heavy tinned Hercules rod; blade of refined razor steel, 2½ inches wide and ground thin on back; fastest cutting saw on market; length of rod, 22 inches; length of blade 30 inches. Weight per dozen, 60 lbs. Per dozen \$32.50

Half dozen in box.

Half dozen in box.



No. 1—Maple Leaf; Razor Steel Blade; frame selected natural wood, nicely varnished; strong, durable; patented steel wire rod; blade 2 inches wide, set, filed and ready for use; length of blade, 30 inches. Weight per dozen, 60 lbs. Per dozen \$26.60

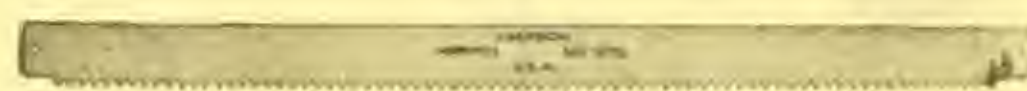
Half dozen in bundle.

Half dozen in bundle.

## BUCK SAW BLADES



No. 37—Maple Leaf; length, 24 inches. Weight per dozen, 6 lbs. Per dozen \$6.50



No. 1—Maple Leaf; Plain Tooth; razor steel; 2 inches wide; bright finished; set and filed; length, 30 inches. Weight per dozen, 7 lbs. Per dozen \$14.00



No. 3—Prince Rupert Lance Tooth; razor steel 2½ inches wide, 30 inches long, 19 gauge; weight per dozen, 8 lbs. Per dozen \$20.60

## Butchers' Saws



No. 40—Flat Back; beech handle; polished edge; nicked screws; flat back ¾ x ¾ inch; depth from center edge of 20 inch frame to tooth edge of blade, 4 inches; bright blade, ½ inch wide, with 10 points to the inch.

Length, inches	16	18	20
Weight per dozen, lbs.	16	19	24
Per dozen	\$21.50	23.50	25.00

Four in box



No. 35—Oval Back; black handle, polished edge; brass screws ¾ x ¾ inch oval back; depth from center of 24 inch frame to tooth edge of blade 5 inches; blade 1¼ inches wide; 11 points to the inch.

Length, inches	20	22	24
Weight per dozen, lbs.	33	37	40
Per dozen	\$44.40	46.80	49.80

Four in box.

## BUTCHER SAW BLADES

## KITCHEN SAWS



No. 40—Flat Back; ¾ x ¾ inches, beech handle, special steel blade ½ inch wide. Three blued screws.

Length, inches	14	16
Weight per dozen, lbs.	14	16
Per dozen	\$12.50	13.00

Half dozen in box.

Half dozen in box.



Disston; finest quality spring steel; blued finish; filed and set; width ½ inch; in coils of 25 feet. Weight per coil, 4 lbs. Per foot. \$0.26

One coil in box.

## Circular Saws

Regular Solid Tool Circular Saws; special grade of saw steel; patent ground and tempered; quality and workmanship unsurpassed; cross cut or rip tooth for all mill and factory use.

Cordwood circular Saws of medium grade steel suitable for cutting cordwood and other general use.

Diam. inches	Gauge No.	Size of Hole inches	Regular Each	Cordwood Each
8	18	¾	\$ 8.40	
10	16	1	\$ 8.40	
12	15	1	\$10.50	
14	14	1½	\$12.75	
16	14	1½	\$15.75	
18	13	1½	\$16.75	\$ 6.30
20	13	1½	\$22.50	\$ 7.50
22	12	1½	\$26.25	\$ 8.80
24	11	1½	\$30.75	\$10.30
26	11	1½	\$36.00	\$12.00
28	10	1½	\$42.00	\$14.00
30	10	1½	\$48.00	\$16.00

Other sizes and gauges supplied promptly.





## Cross Cut Saws



No. 500W—S. S. Special wide; made to our own order of special grade saw steel; regular tooth; filed and set ready for use. This saw is carefully made in every detail and recommended for general use. Width at centre 6 inches.

Length, feet	4½	5	5½
Weight each, lbs.	6	7	8
Each	\$7.20	8.00	8.80

No. 500M—S. S. Special; medium; 4¼ inches wide, hollow back; otherwise the same same as 500W.

Length, feet	4½	5	5½
Weight each, lbs.	3½	4	4½
Each	\$7.20	8.00	8.80



No. 442—Arrow head; vanadium steel; curve ground; easy operating; fast cutting; four cutters to one raker tooth; satisfactory for all grades of timber; set for use in hardwood. Width at centre 6 inches.

Length, feet	4½	5	5½
Weight each, lbs.	5½	6	7
Each	\$10.00	11.00	12.50



No. 440—Arrowhead; 4¼ inches wide, hollow back; otherwise the same as No. 442.

Length, feet	4½	5	5½
Weight each, lbs.	5½	6	7
Each	\$10.00	11.00	12.50

## ONE MAN SAWS



No. 237—Simonds; with hand saw or Lion handle; regular lance tooth; four cutters to one raker tooth. Price includes handle.

Length, feet	4	4½
Weight each, lbs.	5	6
With Hand Saw handle. Each	\$7.40	8.20
With Lion handle. Each	\$7.40	8.20

No. 5000M—S. S. Special; made to our own order; high grade saw steel; four cutters to one raker tooth; hand saw or Lion handle as desired. Price includes handle.

Length, feet	4	4½
Weight each, lbs.	5	6
With Hand Saw handle. Each	\$7.40	8.20
With Lion handle. Each	\$7.40	8.20

Note.—Always specify type of handle required for oneman saws.



No. 66—Racer; Improved Tooth; wide pattern; straight back; best grade saw steel; carefully ground and tempered by a secret process which insures the highest satisfaction, width at centre 6 inches.

Length, feet	4½	5	5½
Weight each, lbs.	5½	6	7
Each	\$10.00	11.00	12.50



No. 44—Racer; Improved Tooth; narrow pattern; 4¼ inches wide; hollow back; otherwise the same as No. 66.

Length, feet	4½	5	5½
Weight each, lbs.	3	3½	4
Each	\$10.00	11.00	12.50



No. 22—Simonds; Wide; crescent ground; four cutters to one raker tooth; made from Simonds special saw steel; thin back; easy running; set ready for use; width at centre 6 inches.

Length, inches	4½	5	5½
Weight each, lbs.	5½	6	7
Each	\$10.00	11.00	12.50



No. 325—Simonds; Narrow; 4¼ inches wide; otherwise the same as No. 22.

Length, feet	4½	5	5½
Weight each, lbs.	3	3½	4
Each	\$10.00	11.00	12.50



No. 13—Simonds; Wide; Crescent Ground; two cutters to one raker tooth; Simonds special saw steel used in the manufacture of this saw; carefully made and correctly tempered; filed and set ready for use; width 6 inches.

Length, feet	4½	5	5½
Weight each, lbs.	5½	6	7
Each	\$10.00	11.00	12.50



No. 315—Simonds; Narrow; Hollow Back; 4¼ inches wide; otherwise the same as No. 13.

Length, feet	4½	5	5½
Weight each, lbs.	3	3½	4
Each	\$10.00	11.00	12.50

Prices on Cross Cut Saws do not include handle.



## Hand Saw Handles



No. 58—Hand; beech, varnished edge; slit but not bored; for all medium priced hand saws. Weight per dozen 5 lbs.  
Per dozen ..... \$5.50  
One dozen in box.



No. 70—Hand; beech, carved, slit and bored for No. 70 saw. Weight per dozen 6 lbs.  
Per dozen ..... \$15.00  
One dozen in box.



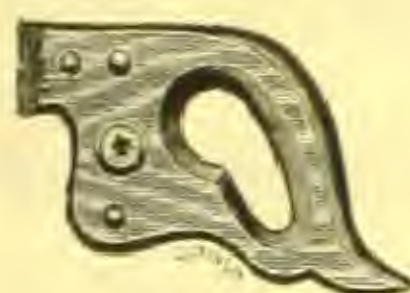
No. DB—Hand; beech, carved, slit and bored; exact fit for DB Saw. Weight per dozen, 6 lbs.  
Per dozen ..... \$16.50  
One dozen in box.

## HAND SAW SCREWS



No. 3—Assortment, solid brass; assorted sizes containing, oval, raised and medallion head, one dozen in box. Weight per box  $\frac{1}{2}$  lb.  
Per dozen ..... \$1.00

## ONE MAN SAW HANDLE



No. 2—One Man; hardwood, thoroughly seasoned, nicely finished; fits saw  $3\frac{1}{2}$  feet and larger and has four holes. Screws not included. Weight per dozen,  $7\frac{1}{2}$  lbs.  
Each ..... \$1.00



No. 3—Loop;  $10\frac{1}{2}$  ins long,  $1\frac{1}{2}$  ins. in diameter; malleable iron round-edge washer; loop rod and inside nut. Weight per pair,  $2\frac{1}{4}$  lbs.  
Per pair \$1.10



No. 6—Loop;  $10\frac{1}{2}$  inches long; malleable loop, screwing up into a threaded ferrule at the bottom of the handle, exceptionally strong. Weight per pair 3 lbs.  
Per pair \$1.50



LION—One Man; malleable loop and ferrules; small handle can be removed and large handle used for cross cut saws. Weight each 2 lbs. Each \$1.00  
Open stock



No. 27—14' long over all. Drilled with 3 holes for various position of bolt. Bolt  $\frac{7}{16}$ ". Extra large wing nut. Weight per pair 3 lbs.  
Per pair ..... \$0.84  
Open stock

## HACK SAW BLADES



Hand—made of special grade steel; toughened and hardened for hard cutting service.

Length, inches	8	9	10	12
Width, inches	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$
Thickness, gauge	.025	.025	.025	.025
Teeth to the inch	14	14	14	14
Weight per gross lbs.	$2\frac{1}{4}$	$3\frac{1}{2}$	$4\frac{1}{2}$	$5\frac{1}{2}$
Mfrs list per gross	\$8.00	9.00	10.00	12.00

Star—Discount  
Simonds—Discount



Power—Made of the same material and in the same manner as hand blades, but designed for power machines.

Length	14	17
Width, inches	$\frac{5}{8}$	$\frac{3}{4}$
Thickness gauge	.032	.032
Teeth to the inch	14	14
Weight per gross, lbs.	12	16
Mfrs list, per gross	\$16.80	22.95

One dozen in package and half gross in a box

## ICE SAW HANDLE



TILLER HANDLE: Ice or pit saw handle; Weight 2 lbs.  
Each ..... \$4.10  
Open stock.

## Hack Saw Frames

## ADJUSTABLE



No. 4—Hand Saw Handle; adjustable frame, nickel plated, depth of frame  $4\frac{1}{2}$  inches; will accommodate blades from 8 to 12 inches in length. Weight per dozen 13 lbs.  
Per dozen ..... \$42.00  
One in box

## ADJUSTABLE



No. 50—Straight handle, adjustable frame, nickel plated takes blades 8 to 12 inches long; Weight per dozen 14 lbs.  
Per dozen \$11.00  
Half dozen in box

## SOLID



No. 30—Solid frame, japanned finish, black handle; blades can be set at right angles to frame if desired. blades 8 inches long. Weight per dozen 13 lbs.  
Per dozen ..... \$8.00  
Half dozen in box



## Saw Vises



No. 100—Jaws 9½ inches long; polished face; fastens to bench with screws; japanned finish; weight per dozen, 16 lbs.  
Per dozen.....\$19.50

Open Stock.



No. 103—Jaws 9½ inches long; polished face; clamps to the bench and is adjustable to various positions by means of the side lever; japanned finish; weight per dozen, 10 lbs.  
Per dozen.....\$29.00

Open stock.



No. 105—Jaws 9½ inches long; polished face; clamps to the bench; the ball and socket allows the work to be cut at any desired angle and firmly held by tail nut as shown in cut; weight per dozen, 110 lbs.  
Per dozen.....\$36.00

Open stock.

## CROSS CUT SAWSETS



No. 431—Lever Saw Set; forged steel carefully made and tempered; polished finish; wedge handle; weight per dozen, 5 lbs.

Per dozen.....\$12.00



No. 134—Steel Filing Clamp; 10½ inches long; all steel construction; the jaws are laid with a rubber silencer which prevents noise when filing. Can be clamped to bench or tool chest and folds up for carrying; weight per dozen, 30 lbs.

Per dozen.....\$33.00

One in box.

## Hand Saw Sets



No. 3—Perfect Saw Set. For crosscut and small circular saws; japanned cast iron frame; polished nose, sliding gauge and set screws, adjustable and regulated by thumb screw. Length 10½ inches; weight per dozen, 20 lbs.

Per dozen.....\$37.50



No. 1—Perfect. For setting hand, hand and jig saws, any width, not over 16 gauge. Made of semi and tool steel fully polished. Length 6¼ inches. Weight per dozen, 8 lbs.

Per dozen.....\$18.00

One in box.



No. 7—Taintor Positive. For setting hand saws; entirely of steel, polished light; strong and durable; interchangeable parts. Weight per dozen, 7 lbs. Per dozen.....\$30.00

Half dozen in box.

## SAW HAMMER



No. 8 Lincoln Saw Set; for cross cut saws; made entirely of high grade tool steel; full polished; interchangeable die; weight per dozen 5 lbs.

Per dozen.....\$16.00

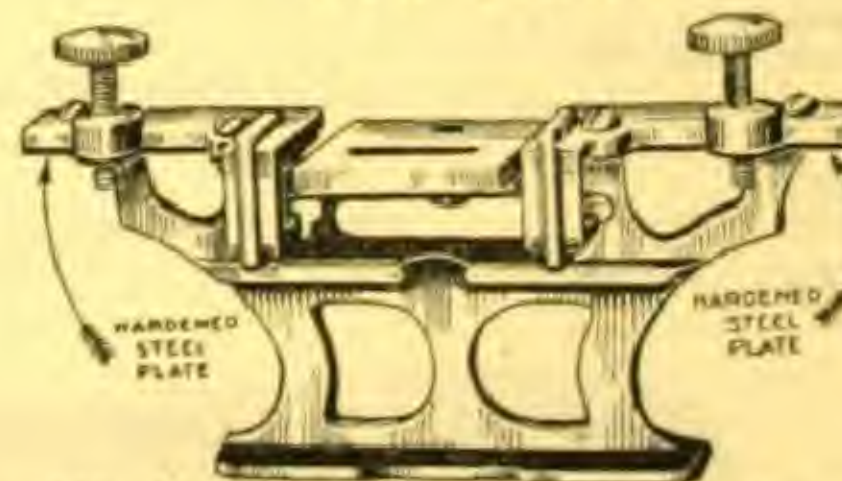
One in a box.



Crescent Saw Hammer; for setting raker teeth as illustrated and can also be used as a lever set on the cutting teeth; weight per dozen, 5½ lbs.

Per dozen.....\$11.50

## SAW TOOLS



No. 340—Crescent Saw Tool; for gauging the length of the raker teeth when filing; can be adjusted by thumb screws as shown in cut; hardened steel face; sets contain tool, gauge and setting block; weight per dozen, 8 lbs.

Per dozen sets.....\$24.30

## CHAMPION SAW JOINTER

No. 4—Saw jointers; for cross cut saws; combines in one, raker tooth gauge; jointer; and side filer; malleable iron; weight per dozen, 5 lbs.

Per dozen.....\$5.30

One dozen in a box.



## Chisels

## PLAIN SOCKET FIRMER



Canadian—Plain edge; solid cast steel; fully polished blades six inches long; polished hickory handles.

Size, inches	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{3}{4}$	1	$1\frac{1}{4}$
Weight per dozen, lbs.	5	5 $\frac{1}{2}$	5 $\frac{1}{2}$	6	7	8
Mfr's List. Per dozen	\$11.00	11.00	11.00	12.00	13.00	13.00
Size, inches	$\frac{3}{8}$	1	$1\frac{1}{4}$	$1\frac{1}{2}$	$1\frac{3}{4}$	2
Weight per dozen, lbs.	9	10	11	12 $\frac{1}{2}$	14	15 $\frac{1}{2}$
Mfr's List. Per dozen	\$14.00	15.00	16.00	17.00	18.00	19.00

## BEVELLED SOCKET FIRMER



Canadian—Bevelled edge; solid cast steel; fully polished blades six inches long; leather tipped polished hickory handles.

Size, inches	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{3}{4}$	1	$1\frac{1}{4}$	$1\frac{1}{2}$	$1\frac{3}{4}$	2
Weight per dozen, lbs.	5	5 $\frac{1}{2}$	5 $\frac{1}{2}$	6	7	8	9	10	11
Mfr's List. Per dozen	\$11.00	11.00	11.00	12.00	13.00	13.00	14.00		
Size, inches	1	$1\frac{1}{4}$	$1\frac{1}{2}$	$1\frac{3}{4}$	2				
Weight per dozen, lbs.	10	12	13	16	16 $\frac{1}{4}$				
Mfr's List. Per dozen	\$15.00	16.00	17.00	18.00	19.00				
Extra for bevel. Per dozen net									\$1.20
Extra for leather tips. Per dozen net									\$0.40



American—Bevelled edge; best grade cast tool steel; full polished blades 6 $\frac{3}{4}$  inches long; polished hickory handles.

Size, inches	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{3}{4}$	1	$1\frac{1}{4}$
Weight per dozen, lbs.	5	5	5	6	7	8
Mfr's List. Per dozen	\$12.50	12.50	12.50	14.00	14.50	
Size, inches	$\frac{3}{8}$	1	$1\frac{1}{4}$	$1\frac{1}{2}$	$1\frac{3}{4}$	2
Weight per dozen, lbs.	8	10	12	13	15	16
Mfr's List. Per dozen	\$16.00	16.50	18.50	20.00	22.00	23.00
Extra for bevel. Per dozen net						\$1.75

## PLAIN SOCKET BUTT



American—Plain edge; best grade cast tool steel; full polished blades 3 $\frac{3}{4}$  inches long; polished hickory handles.

Size, inches	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{3}{4}$	$\frac{5}{8}$
Weight per dozen, lbs.	3	3 $\frac{1}{4}$	3 $\frac{1}{2}$	4	4 $\frac{1}{2}$
Mfr's List. Per dozen	\$12.50	12.50	12.50	14.00	14.50
Size, inches	1	$1\frac{1}{4}$	$1\frac{1}{2}$	$1\frac{3}{4}$	2
Weight per dozen, lbs.	5	6	7	7 $\frac{1}{2}$	8
Mfr's List. Per dozen	\$16.50	18.50	20.00	22.00	23.00

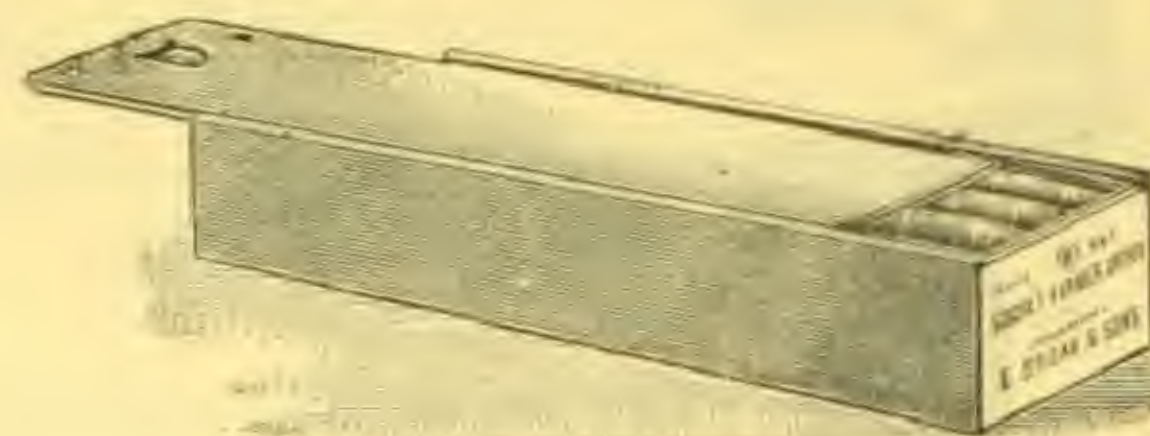
## BEVELLED SOCKET FRAMING



Canadian—Bevelled blade; high grade cast steel; polished blade; 8 inches long; second growth hickory handle with steel ferrule.

Size, inches	1	$1\frac{1}{4}$	$1\frac{1}{2}$	$1\frac{3}{4}$	2
Weight per dozen, lbs.	17	19	22	28	35
Mfr's List. Per dozen	\$19.00	22.00	24.00	26.00	28.00
Half dozen in a box.					

## PLAIN SOCKET SETS



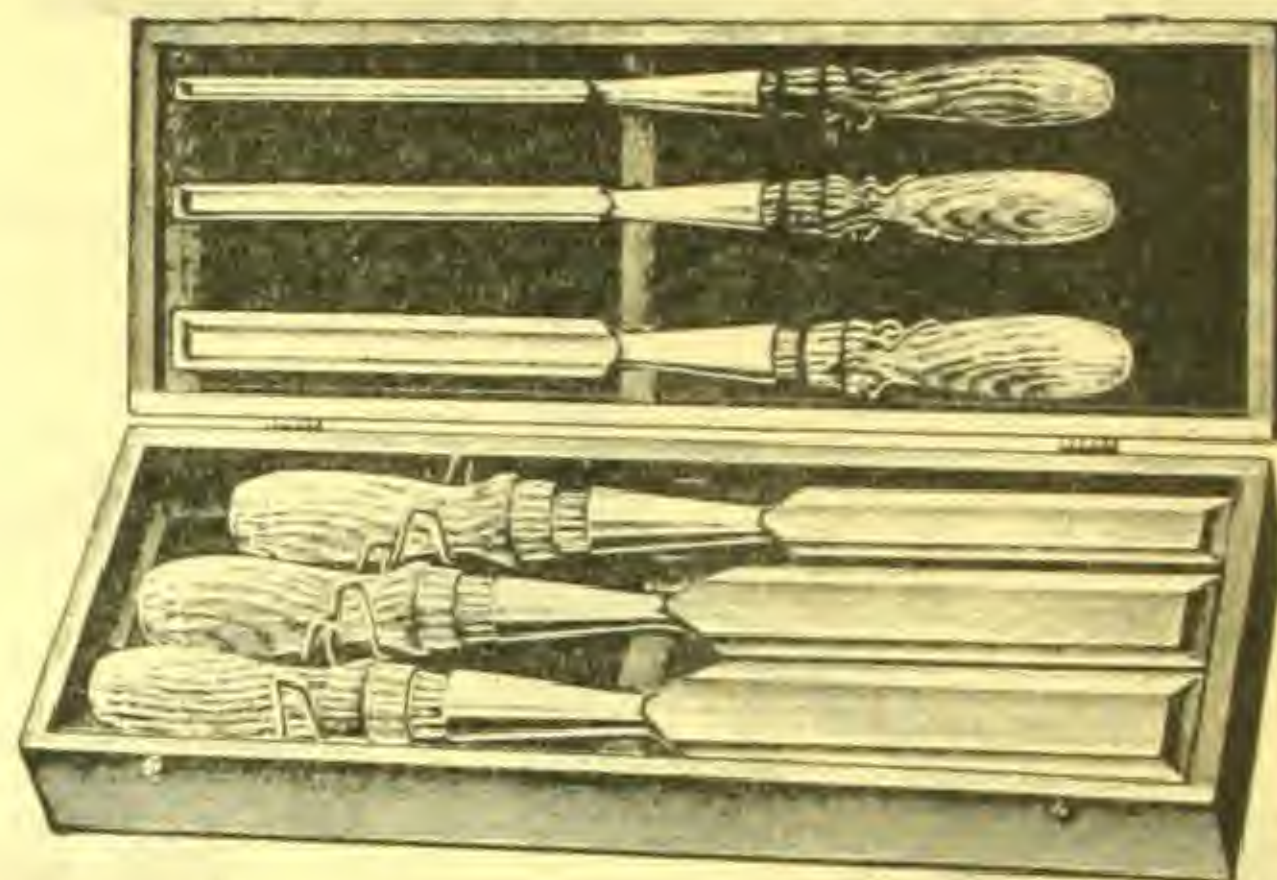
Canadian—Plain edge; cast steel; full polished blades 6 inches long; polished hickory handles; in wood cases as follows:

No. 8—Contains eight chisels, one each,  $\frac{1}{4}$ ,  $\frac{3}{8}$ ,  $\frac{1}{2}$ ,  $\frac{3}{4}$ , 1,  $1\frac{1}{4}$ ,  $1\frac{1}{2}$ ,  $1\frac{3}{4}$  and 2 inch. Weight, lbs. Per set \$9.50

No. 12—Contains twelve chisels, one each,  $\frac{1}{4}$ ,  $\frac{3}{8}$ ,  $\frac{1}{2}$ ,  $\frac{3}{4}$ , 1,  $1\frac{1}{4}$ ,  $1\frac{1}{2}$ ,  $1\frac{3}{4}$ , and 2 inch. Weight, lbs. Per set \$15.00

Note—Supplied in bevel edge at a net extra. Per dozen chisels \$1.20

## BEVELLED SOCKET SETS



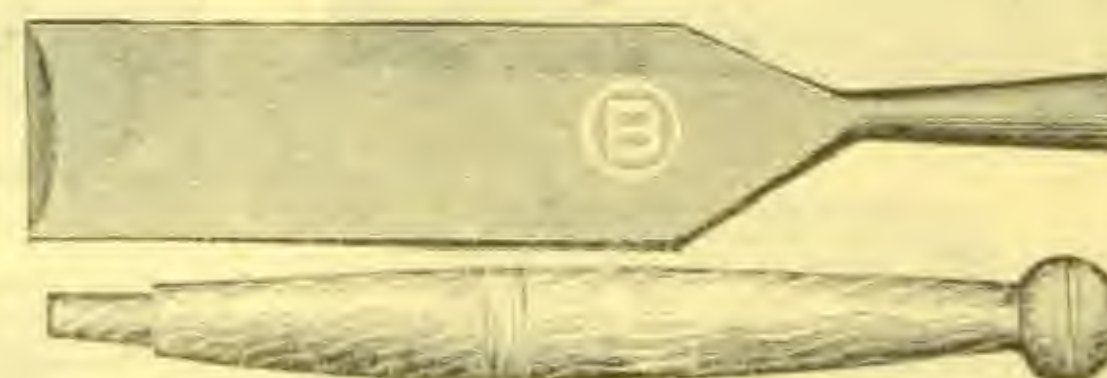
American—Bevelled edge; best grade of cast tool steel; full polished hickory handles; in hinged hardwood cases as illustrated.

No. 60—Contains six chisels, one each,  $\frac{1}{4}$ ,  $\frac{1}{2}$ ,  $\frac{3}{4}$ , 1,  $1\frac{1}{2}$ , and 2 inch. Weight, lbs. Per set \$12.20

No. 80—Contains eight chisels, one each,  $\frac{1}{4}$ ,  $\frac{3}{8}$ ,  $\frac{1}{2}$ ,  $\frac{3}{4}$ , 1,  $1\frac{1}{4}$ ,  $1\frac{1}{2}$ , and 2 inch. Weight, lbs. Per set \$16.00

No. 120—Contains twelve chisels, one each,  $\frac{1}{4}$ ,  $\frac{3}{8}$ ,  $\frac{1}{2}$ ,  $\frac{3}{4}$ , 1,  $1\frac{1}{4}$ ,  $1\frac{1}{2}$ ,  $1\frac{3}{4}$ , and 2 inch. Weight, lbs. Per set \$24.00

## CARPENTERS SLICKS



No. 36—Cast Tool steel; full polished; solid socket; length of blade, 10 inches; width of blade 3 inches; length of handle 15 inches. Weight per dozen, 50 lbs.

Per dozen \$90.00

Open Stock.



# Handles

## TANG FIRMER CHISELS



Spear and Jackson; best Sheffield steel blades; square shoulder; square tapered tang; polished finish.

Size, inches	3/4	1	1 1/4	1 1/2	2
Length of blade, inches	3 1/4	3 3/4	3 3/4	4	4
Weight per dozen, lbs.	1 1/2	1 3/4	1	1 1/2	2 1/4
Per dozen	\$5.28	5.28	5.90	6.82	7.44

Size, inches	3/4	1	1 1/4	1 1/2	2
Length of blade, inches	4 1/4	4 1/4	4 1/2	5	5 1/4
Weight per dozen, lbs.	2 1/2	3	3 1/2	5 1/2	6 1/2
Per dozen	\$8.06	9.30	9.92	13.64	16.74

One dozen in box.

## TANG FIRMER COUGES



Spear and Jackson; best Sheffield steel blades tapered and polished blade, outside bevel.

Size, inches	3/4	1	1 1/4	1 1/2	2
Length of blade, inches	3 1/4	3 3/4	3 3/4	4	4
Weight per dozen, lbs.	1 1/2	1 3/4	1	1 1/2	2 1/4
Per dozen	\$6.70	6.70	7.50	8.30	9.00

Size, inches	3/4	1	1 1/4	1 1/2	2
Length of blade, inches	4 1/4	4 1/4	4 1/2	5	5 1/4
Weight per dozen, lbs.	2 1/2	2 3/4	3 1/2	5	5 1/2
Per dozen	\$9.90	11.20	11.90	16.60	18.50

One dozen in box.

## TANG FIRMER CHISEL HANDLES



No. 601—Selected Second Growth Hickory; brass ferrules; assorted for chisels 1/2 inch to 2 inch in box, weight per dozen, 2 lbs. Per dozen \$2.00

One dozen in box.



No. 607—Selected Second Growth Hickory; leather tipped; brass ferrules; assorted sizes for chisels 1/2 to 2 inch; weight per dozen, 2 1/2 lbs. Per dozen \$5.00

One dozen in box.

## SOCKET FIRMER CHISEL HANDLES



No. 611—Selected Second Growth Hickory; plain tip; assorted sizes for chisels 1/2 to 2 inches; weight per dozen, 2 lbs. Per dozen \$2.00

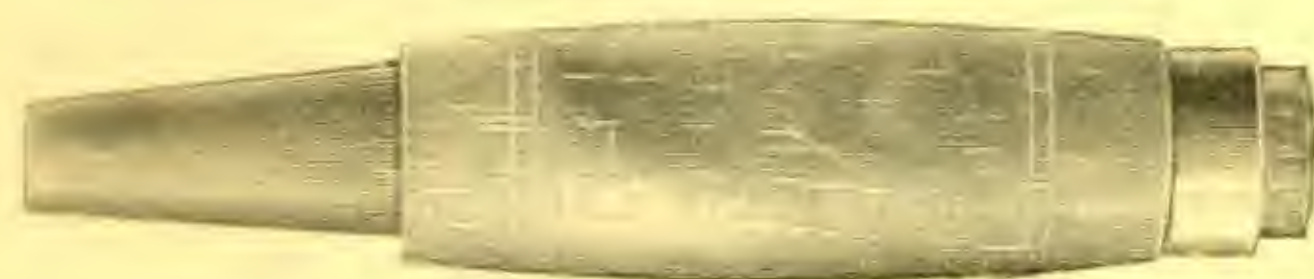
One dozen in box.



No. 617—Selected Second Growth Hickory; leather tipped; assorted sizes for chisels 1/2 to 2 inches; weight per dozen, 2 1/2 lbs. Per dozen \$2.70

One dozen in box.

## SOCKET FRAMING CHISEL HANDLES



No. 621—Selected Hickory; metal ferrule on tip of handle; assorted sizes for chisels 1/2 to 2 inches; weight per dozen, 3 1/2 lbs. Per dozen \$2.40

One dozen in box.

## SOLDERING COPPER HANDLES



No. 670—Soft Wood; wired to prevent splitting; size 1 1/4 x 5 inches; weight per dozen, 2 lbs. Per dozen \$0.90

Three dozen in box.

## PLANE HANDLES



No. 10



No. 12

No. 10—For Jack Planes; beech; plain. Weight per dozen, 3 lbs. Per dozen \$2.00

One dozen in box.

No. 12—For Fore and Jointer Planes; beech; plain. Weight per dozen, 5 lbs. Per dozen \$3.50

One dozen in box.

## FILE HANDLES



No. 40—Soft Wood; polished steel ferrules; assorted sizes.

Length, inches	4	4 1/2	5
Weight per dozen, lbs.	3/4	1	1 1/4
Per dozen	\$0.50	0.60	0.70

Open Stock.



## Machinist Tools

## THICKNESS GAUGE



No. 72—Thickness Gauge or "Feeler"; gauge has 22 leaves, varying in thickness by thousandths, running from .004 to .025. The thickness of each leaf is designated by the number upon it. The leaves fold within the case, which is 2½ inches long.

Each..... \$5.00

One in box.

## CENTER GAUGE



No. 390—Not tempered, graduated one corner each in 32nds, 24ths and 20ths.

For use in grinding and setting screw cutting tools.

Each..... \$0.80

One dozen in box.

## HIGH SPEED INDICATOR

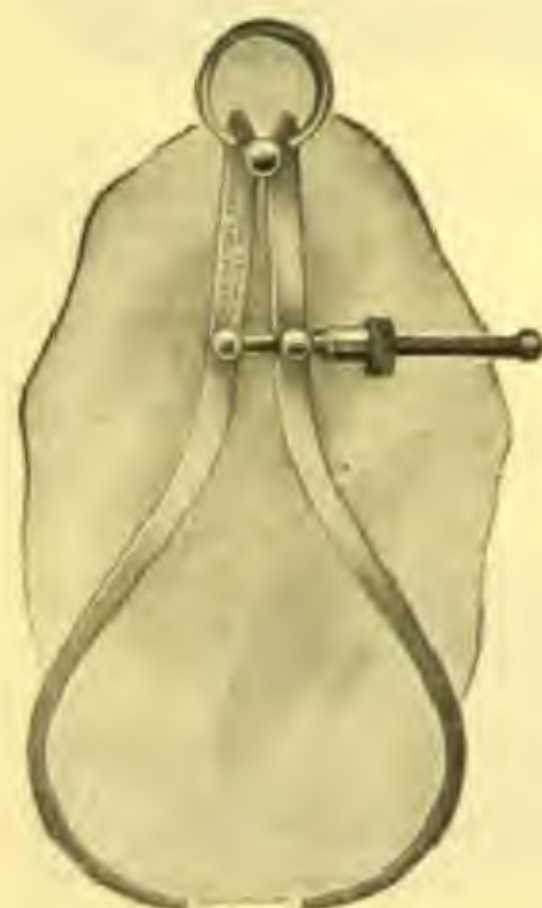


No. 104—This indicator may be run at highest speed required without heating, and this on account of frictionless bearing against which the inner end of the spindle revolves.

Each..... \$2.50

One in box.

## UNION SPRING CALIPERS

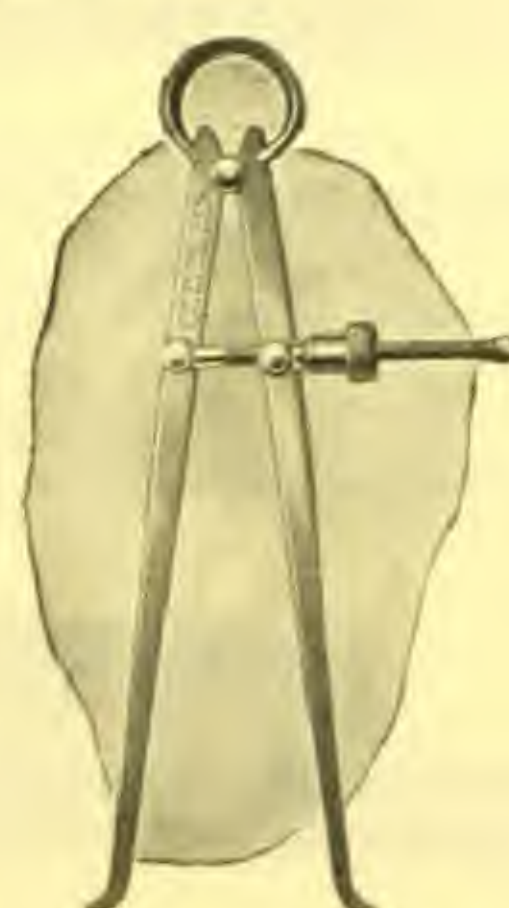


No. 12  
OUTSIDE

Union Calipers; high grade polished tool steel; rounded edges; tempered springs; smooth working nuts. Order by number.

Length, inches..... \$1.60 1.70 1.80

Each..... Half dozen in box.



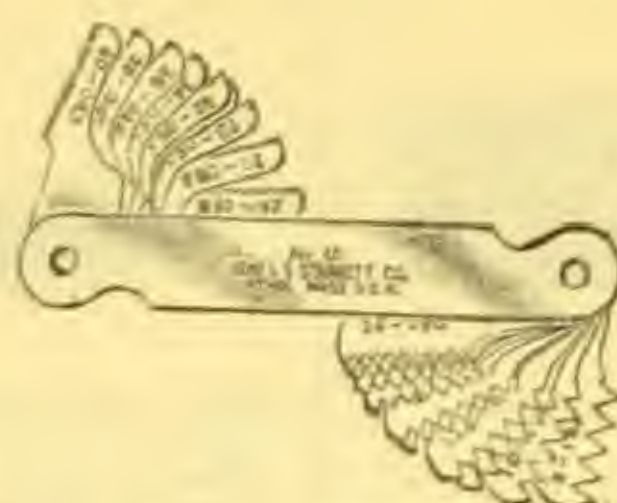
No. 14  
INSIDE

Union Calipers; high grade polished tool steel; rounded edges; tempered springs; smooth working nuts. Order by number.

Length, inches..... \$1.60 1.70 1.80

Each..... Half dozen in box.

## SCREW PITCH GAUGE

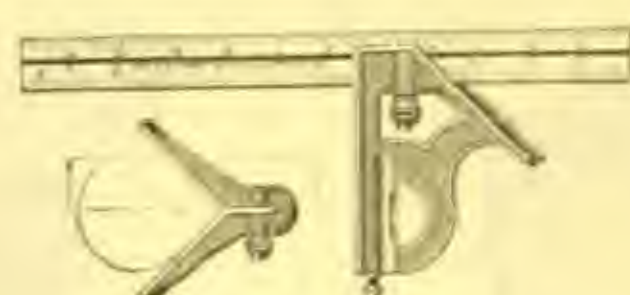


No. 40—Improved Screw Pitch Gauge; has 22 pitches, viz.: 9, 10, 11, 11½, 12, 13, 14, 15, 16, 18, 20, 22, 24, 26, 27, 28, 30, 32, 34, 36, 38, 40.

Each..... \$2.50

One in box.

## COMBINATION SQUARE



Graduated Polished Steel Blade; japanned iron stock and centre head with polished faces and edges.

No. 11 x 6 inch with centre head. Per set..... \$4.80

No. 11 x 9 inch with centre head. Per set..... \$6.00

No. 11 x 12 inch with centre head. Per set..... \$7.20

One in box.

## YANKEE SPRING DIVIDERS



No. 83—Yankee Spring Dividers; tempered flat steel bow spring; hardened points; spring out screw adjustment.

Length, inches..... \$2.20 2.40

Each..... Three in a box.

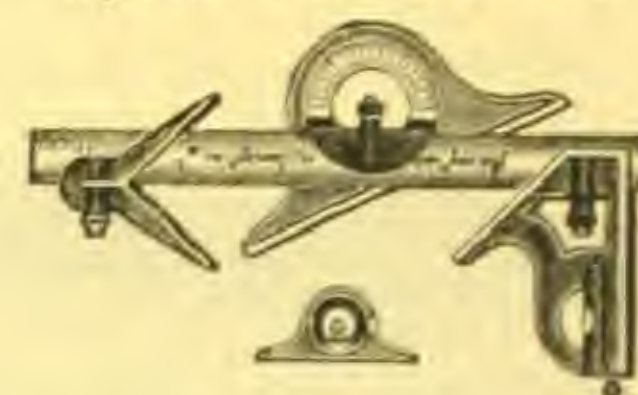
## IMPERIAL STANDARD WIRE GAUGE



No. 441—Each gauge tested after hardening and warranted accurate; it is made in two sections, which fold together; takes in No. 1 to 36.

Each..... \$7.00

## COMBINATION SQUARE AND BEVEL PROTRACTOR



## WITH HARDENED BLADE

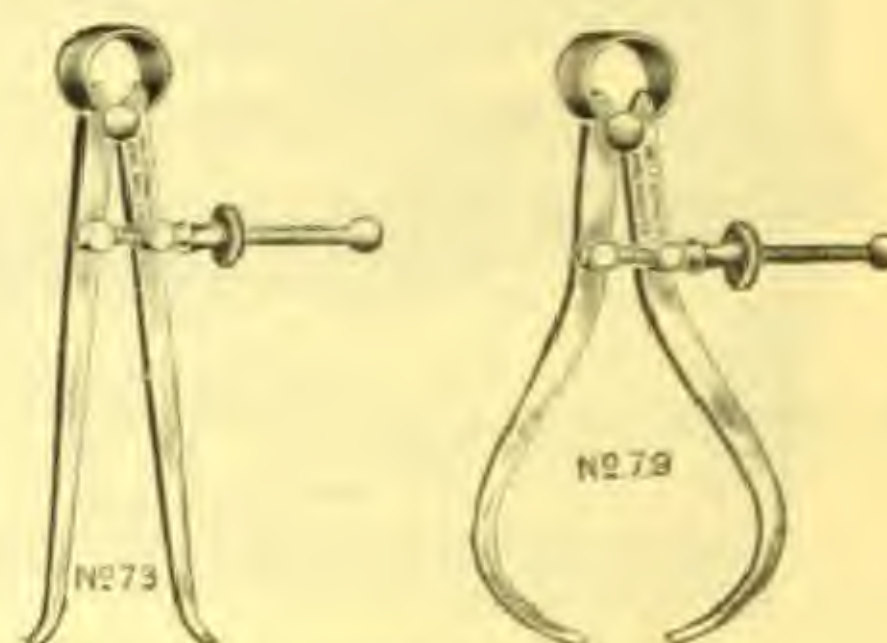
This set is the same combination square and centre head as No. 11 with protractor head in addition.

No. 9 x 9 inch. Per set..... \$12.00

No. 9 x 12 inch. Per set..... 13.20

One in box.

## YANKEE SPRING CALIPERS



Inside

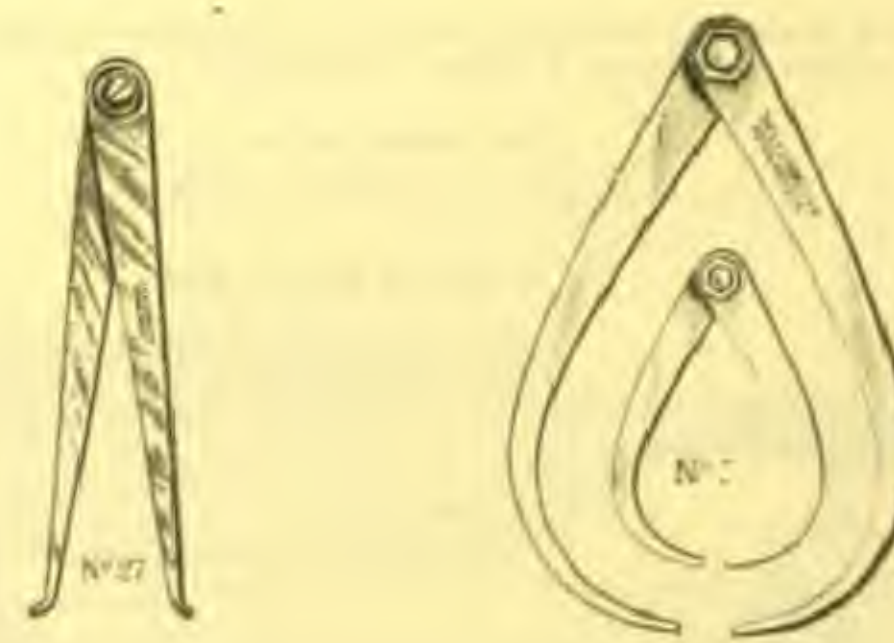
Outside

Yankee Calipers; polished steel, round edges, finely machined and finished, tempered flat steel spring, out screw adjustment. Order by number.

Length, inches..... \$1.70 1.80 2.00 2.10

Each..... Three in a box.

## FIRM-JOINT CALIPERS



INSIDE

OUTSIDE

Improved Firm Joint; polished steel; round edges. The joint is tightened by screw which has a square shoulder fitted to one leg, thus preventing it turning when adjusting the tension.

Order by number.

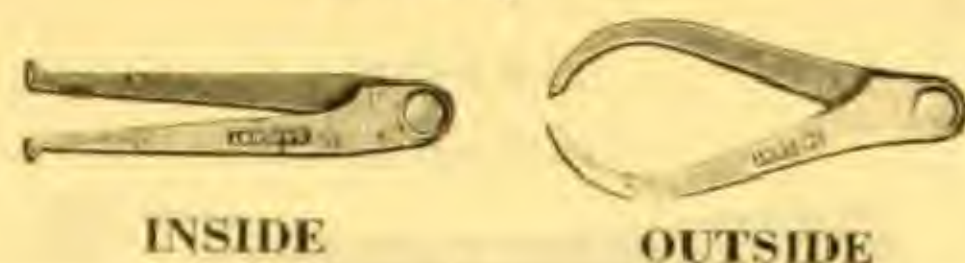
Length, inches..... \$1.20 1.60 2.00 2.20

Each.....

Three in a box.



## Calipers



INSIDE

OUTSIDE

Calipers—High grade cast steel carefully made and full polished finish.

Length, inches	4	5	6
Weight per dozen, lbs.	1	1 1/4	1 1/2
No. 262. Per dozen	\$5.40	6.50	7.30
No. 263. Per dozen	\$5.40	6.50	7.30

Half dozen in box.

## Dividers

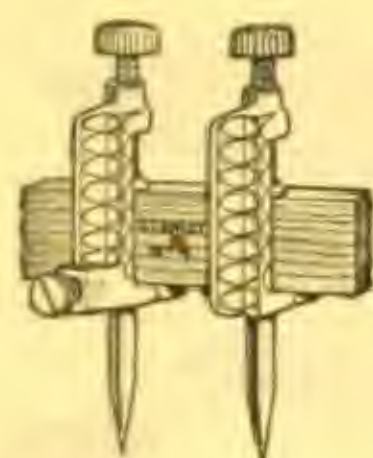


No. 50—Wing Dividers; high grade cast steel, fully polished.

Length, inches	6	7	8	10	12
Weight per dozen, lbs.	3 1/2	4	6	9	10
Per dozen	\$13.20	14.50	16.40	22.00	25.30

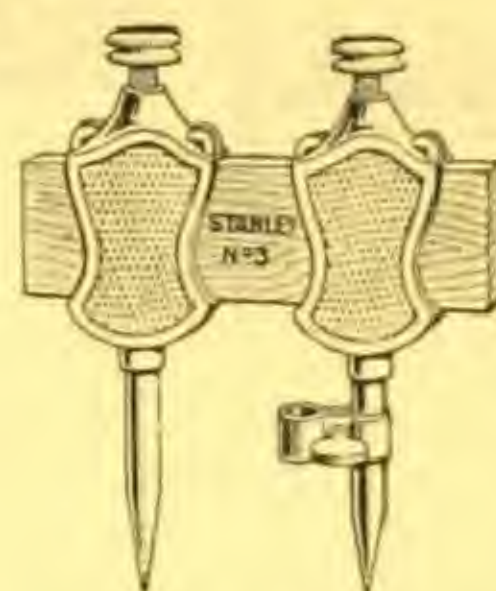
Half dozen in box.

## Trammel Points



No. 4

No. 4—Can be attached to one side of a straight edge up to 1 1/2 inches thick. Pencil clasp will take either ordinary round pencil or oval carpenters' pencil. Weight per set 1/4 lb. Per pair \$2.00



Nos. 1 and 2

No. 1—Bronze; for striking arcs and circles larger than can be done conveniently with ordinary compass dividers; strongly constructed with steel points on either of which an accompanying pencil socket can be clamped; for use with 1/4 inch straight edge. Weight per set, 1/4 lb. Per pair \$2.80  
No. 2—For use with 1 inch straight edge; otherwise same as No. 1. Weight per set, 1/2 lb. Per pair \$3.60  
One set in box.

## Bench Stops



No. 41—Reversible; can be adjusted to any desired length by turning adjusting screw. Weight per dozen, 10 lbs. Per dozen \$19.00

Half dozen in box.

## Carpenter Clamps



No. 16—Carpenters' Quick Acting; Self-Locking; short leverage gives increased power; head will not slip under any strain; size of bar, 1 x 5/16 inches; size of screw, 6 x 9/16 inches; size of clamping surface, 1 7/8 x 1 1/8 inches.

Opens, feet	2 1/2	3	4	5
Weight each, lbs.	5	6	8	10
Each	\$5.00	5.50	6.00	6.50

Open Stock

## Tool Baskets



Made of closely woven palm fibre; web bound; supporting handles.

Number	4	5
Length folded, inches	33	36
Depth folded, inches	16	19
Weight per dozen, lbs.	15	20
Full lined, per dozen	\$21.60	21.00

Open Stock.

## Carriage Makers Clamps



Carriage Makers; swivel head; malleable iron; japanned.

Numbers	13	14	15	16	18	20
Opens, inches	3	4	5	6	8	10
Weight per dozen, lbs.	11	21	27	30	36	56
Per dozen	\$9.00	12.00	15.30	18.70	29.30	37.50

Open Stock.

## Bench Screw

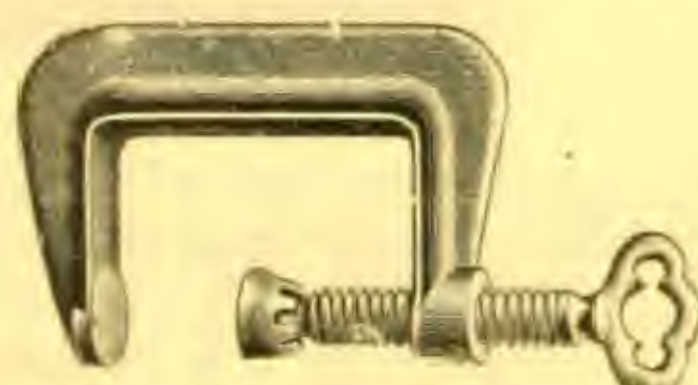


Wrought Iron; Double Threads; movable collar; wood handle.

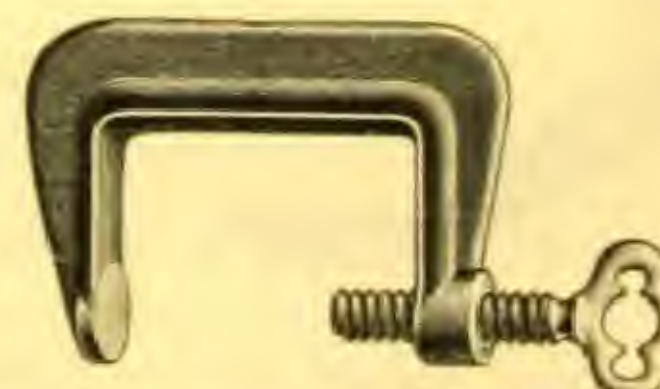
Diameter, inches	1	1 1/8	1 1/2
Extreme lengths, inches	15	16	16
Weight per dozen, lbs.	60	70	80
Per dozen	\$25.20	30.80	35.00

Dozen in box.

## Quilt Frame Clamps



No. 2—Swivel Head; malleable iron, copperplated; opens 2 3/4 inches. Weight per dozen, 3 lbs. Per dozen \$2.70  
No. 33.—Opens 3 inches. Per dozen \$3.00  
Dozen in box.



No. 1—Plain Screw; malleable iron japanned, opens 2 3/4 inches. Weight per dozen, 2 1/4 lbs. Per dozen \$2.60  
Dozen in box.



## Drawing Knives

## REGULAR



No. 600—American Carpenters' Razor Blade; made of extra fine quality cast steel, carefully tempered; shanks run clear through the hardwood handles and are capped and riveted. Polished finish.

Size of blade, inches	8	9	10	12
Weight per dozen, lbs.	15	16	17	19
Per dozen	\$35.00	37.50	40.50	47.00

Half dozen in box.

## FOLDING



No. 635—Reliance; Folding Handle Razor Blade; the handles may be set at any angle; otherwise the same as No. 600

Size of blade, inches	8	10
Weight per dozen, lbs.	21	26
Per dozen	\$72.00	78.00

Half dozen in box.

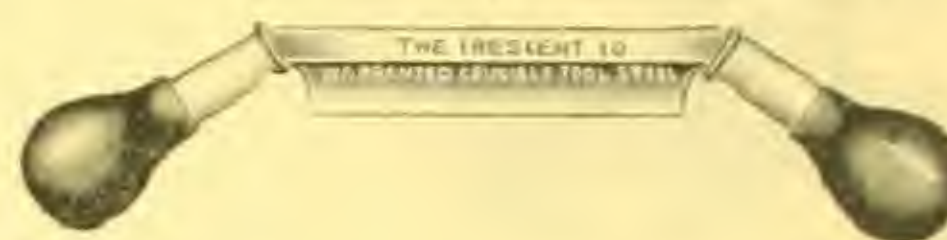


No. 1—Canadian; Razor Blade; high grade tool steel; polished finish; hardwood handles securely fastened by riveted shank.

Size of blade, inches	8	9	10	12	14
Weight per dozen, lbs.	15½	16½	17	19	23
Per dozen	\$31.20	32.50	33.80	37.70	39.00

Half dozen in box.

## POCKET

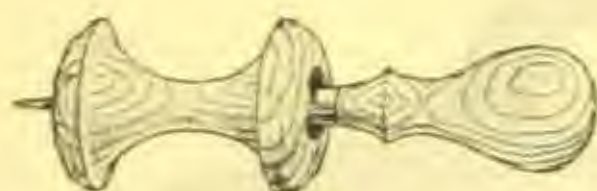


No. 4—Crescent; Pocket Size; 4 inch blade of crucible tool steel; knob handles with strong ferrules. Weight per dozen, 3½ lbs.

Per dozen	\$15.00
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Half dozen in box.

## CHALK LINE REELS



No. 14—Chalk Line Reel with Scratch Awl; turned from maple; length 2½ inches; diameter 2 inches; weight with scratch awl per dozen 2½ lbs.

Per dozen	\$4.90
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One dozen in box.



No. 2—Japanned Iron; adjusted top. Weight Each, 9½ ozs. Per dozen \$2.50  
No. 00—Japanned Iron; adjusted top. Weight each 1 lb. 2 ozs. Per dozen \$5.00  
Half dozen in box.

## PLUM BOBBS



No. 5—Cast Brass; hardened cast steel point; screw top. Weight each, 6 ozs. Per dozen \$12.00  
No. 6—Cast Brass; hardened cast steel point; screw top. Weight each, 11½ ozs. Per dozen \$17.00  
Half dozen in box.

## SHIP SCRAPERS



No. 56—Triangular Blade; 5 inch cutting edge; extra quality steel; hardwood handle; length over all 17 inches; weight per dozen 12 lbs. Per dozen \$12.50

Half dozen in package.

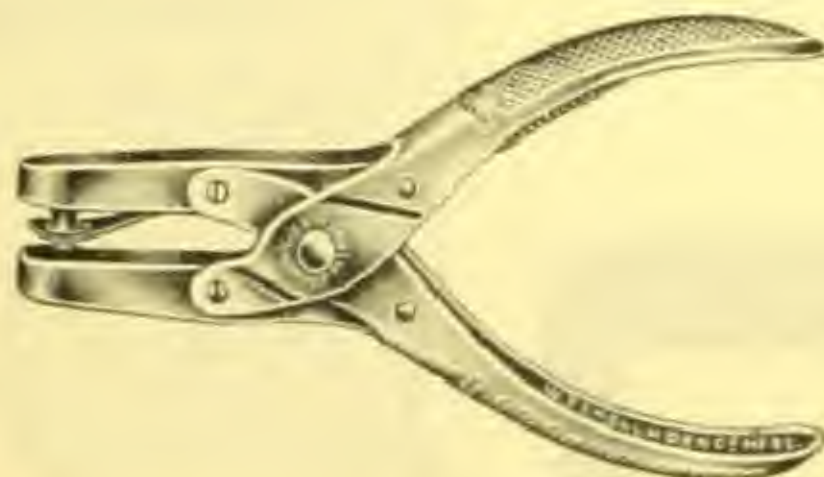
## CALMING IRONS



Cast Steel; polished; length 6 inches; width 2¼ inches; diameter of head, 1 inch

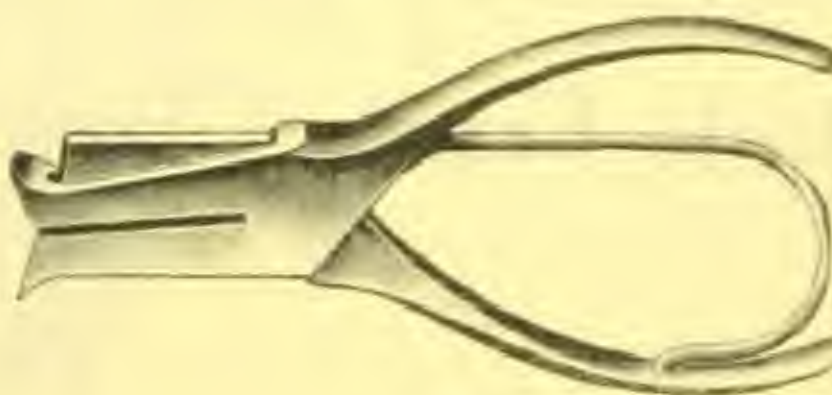
Number	1	2
Thickness of cross, inches	¾	¾
Weight per dozen, lbs.	6	10
Per dozen	\$10.00	12.00

## TICKET PUNCHES



No. 41—Pressed Steel; tempered stripper and main spring; assorted dies; scored handle; nickel plated finish; length 5 inches; weight per dozen, 2 lbs. Per dozen \$6.00

Half dozen in box



No. 2200—Krauter; best tool steel; carefully made; length 4¼ inches; reach ¾ inch; made in twelve designs; weight per dozen, 3 lbs. Per dozen \$25.00

Half dozen in box

## RIVET SETS



No. 56—Drop Forged Steel in gunmetal finish with polished heads.

Sizes	2	4	5	6	7			
For rivets, lbs.	6	4.85	2½	8.3	1½	8.2	1½	1¼
Wght doz. lbs.	6	5½	4½	4	3	3	3	3
Per dozen	\$14.40	11.70	11.70	9.00	9.00	8.10	8.10	8.10

No. 3—For use with No. 8 copper rivets.  
No. 5—For use with No. 10 copper rivets.  
Half dozen in box



## Trowels

## POINTING



No. 15—Dieston Pointing Trowels; solid shank; high grade steel blade 5 inches long. Weight per dozen, 3 lbs. Per dozen.....\$18.50

No. 153—Standard Pointing Trowels; solid shank; fine steel blade; length of blade 5 inches; Weight per dozen 3 lbs. Per Dozen.....\$12.80  
Half dozen in box.



No. 160—Handy Pointing Trowels; riveted shank; tempered steel blade, 5 inches long. Weight per dozen, 2½ lbs. Per dozen.....\$2.80

Half dozen in box.

## BRICK



No. 170—Handy Brick Trowels; riveted shank; tempered steel blade 10 inches long. Weight per dozen, 6 lbs. Per dozen.....\$3.80

Half dozen in box.



No. 151—Standard Brick Trowels; London pattern; solid shank; high grade steel blade; polished and tempered.

Length of blade, inches.....	10½	11
Weight per dozen, lbs.....	13	14
Per dozen.....	\$29.70	30.10

Half dozen in box.



No. 10—Dieston Brick Trowels; Philadelphia pattern; solid shank; best quality tool steel blade; polished and tempered; polished steel ferrule; hardwood handle.

Length of blade, inches.....	10½	11	11½
Weight per dozen, lbs.....	13	14	15
Per dozen.....	\$44.90	46.90	49.00

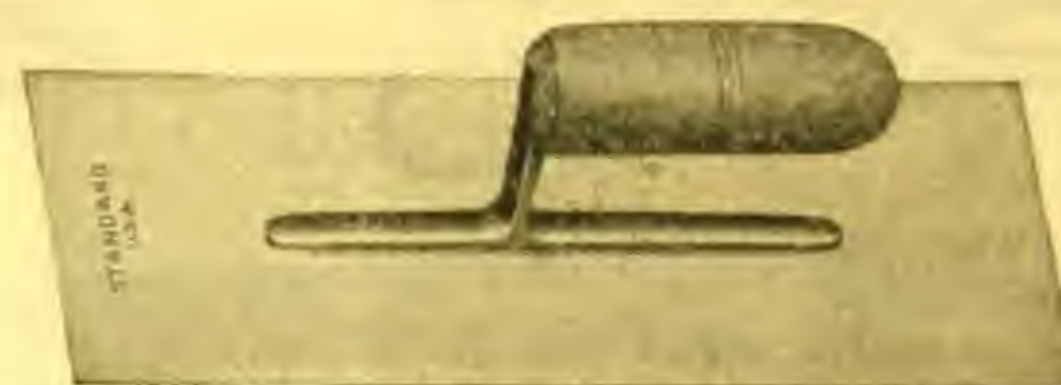
Half dozen in box.

## PLASTERING



No. 180—Handy Plastering Trowel; bright steel blade; steel shank riveted to blade with three rivets; hardwood handle natural finish. Length of blade 10 inches. Weight per dozen, 10 lbs. Per dozen.....\$6.00

Half dozen in box.



No. 150—Standard Plastering Trowels; tempered steel blade; forged steel bar with three rivets; hardwood handle. Length 11 inches. Weight per dozen, 14 lbs. Per dozen.....\$28.40

Half dozen in box.



No. 2—Atkins Plastering Trowel; cast iron blade; taper ground; tempered; steel bar has four rivets, and tang running through handle.

Length, inches.....	10½	11	11½
Width, inches.....	4½	4¾	3¾
Weight per dozen, lbs.....	11	12	13
Per dozen.....	\$39.20	42.60	45.00

Half dozen in box.



No. 4—Atkins Finishing Trowel; best grade silver steel blade; flexible; highly tempered; and well finished. The mounting is of cast steel and fastened to the blade with ten rivets; it also protrudes through the handle and is fastened with a hexagon nut. The handle is ebony finish, bevelled off on the nose and nicely polished. This is a high grade tool for particular mechanics.

Length, inches.....	11	11½
Width, inches.....	4¾	5
Weight per dozen, lbs.....	12½	13
Per dozen.....	\$51.80	54.20

Half dozen in box.



## Snips



No. 117—Cast Steel Snip for household use. Black handles, bright jaws, screw nut adjustment. Length over all, 11 inches. Length of cut  $2\frac{1}{2}$  inches. Weight per pair, 1 lb.  
Per pair.....\$0.80

One half dozen in box.



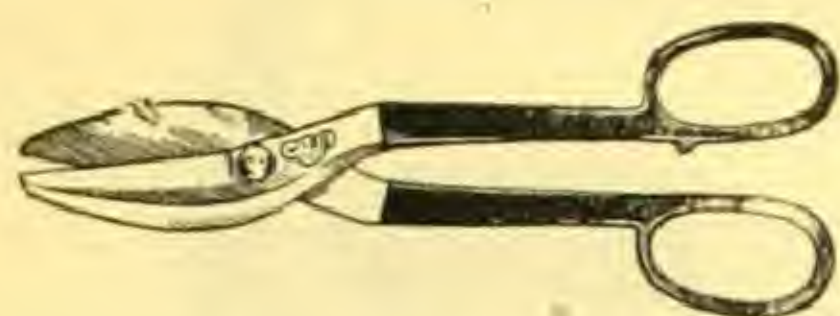
Auto-Pocket Size; solid forged steel, polished blade blued handles. Length of cut 2 inches. Length over all 7 inches. Weight per pair,  $\frac{1}{2}$  lb.  
Per pair.....\$1.85

Half dozen in box.



No. 99—High Grade Drop Forged Steel; blued handles, and polished blades. Length over all, 13 inches. Length of cut, 3 inches.  
Per pair.....\$2.50

One half dozen in a box.



WISS—REGULAR



WISS—COMBINATION



WISS—CIRCULAR

All **Wiss Snips** are made of the finest grade of crucible bar steel welded to the inside of the forged steel blade producing a perfect and lasting cutting edge. Made under the most exacting supervision and subjected to the most severe tests. They are guaranteed under all ordinary conditions of mechanics use. Blued handles with polished blades.

## REGULAR PATTERN

Number	7	8	9	10	11	12
Length of cut, inches	4	$3\frac{1}{2}$	3	$2\frac{1}{2}$	$2\frac{1}{4}$	2
Length over all, inches	$14\frac{1}{2}$	$13\frac{3}{4}$	$12\frac{1}{2}$	$11\frac{1}{2}$	$9\frac{1}{2}$	8
Weight per pair, lbs.	$3\frac{1}{4}$	$2\frac{1}{2}$	2	$1\frac{1}{2}$	$\frac{3}{4}$	$\frac{1}{2}$
Per pair	\$6.00	4.80	4.30	3.90	2.90	2.50

## COMBINATION PATTERN

Number	17	18	19	100
Length of cut, inches	4	$3\frac{1}{2}$	3	$2\frac{1}{2}$
Length over all, inches	$14\frac{1}{2}$	$13\frac{1}{2}$	$12\frac{1}{2}$	$11\frac{1}{2}$
Weight per pair, lbs.	$2\frac{3}{4}$	$2\frac{1}{2}$	$1\frac{3}{4}$	$1\frac{1}{2}$
Per pair	\$6.50	5.50	5.00	4.40

## CIRCULAR PATTERN

Number	C7	C8	C9	C10
Length of cut, inches	4	$3\frac{1}{2}$	3	$2\frac{1}{2}$
Length over all, inches	$14\frac{1}{2}$	$13\frac{3}{4}$	$12\frac{1}{2}$	$11\frac{1}{2}$
Weight per pair, lbs.	3	$2\frac{1}{4}$	2	$1\frac{1}{2}$
Per pair	\$8.50	7.20	6.60	6.00

One pair in a box.

## HORSE TOOTH RASPS



No. 3—Adjustable, Stained Wood Handle; otherwise same as No. 1.  
Per dozen.....\$36.00

No. 7—Extra Floats.....Per dozen.....\$7.00

One in box.



No. 4—Adjustable, Jointed Stained Wood Handle; otherwise same as No. 1.  
Per dozen.....\$46.50

One in box.

## FILE CARDS



No. 6—Plain File Card; whitewood handle; fabric backing; brush part,  $3\frac{1}{2}$  x  $1\frac{1}{2}$  inches; length over all, 8 inches.  
Per dozen.....\$3.80

Dozen in box.

## FILE HANDLE



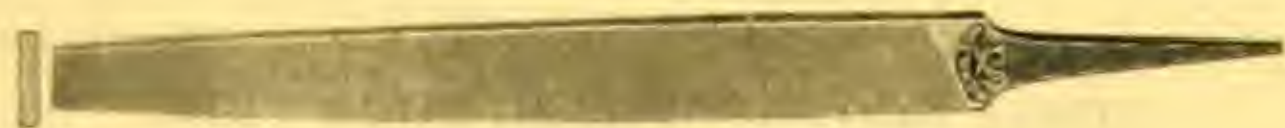
No. 448—Universal File Handle; adjustable in various size shanks; malleable iron; holds securely. Weight per dozen,  $4\frac{1}{2}$  lbs.  
Per dozen.....\$6.00

Half dozen in box.



## Files and Rasps

## MILL BASTARD (REGULAR)



Length, inches	5	6	7	8	9	10	12	14	16
Weight per dozen, lbs.	1 1/2	1 1/2	2 1/2	3 1/2	4 1/2	6 1/2	10 1/2	16 1/2	24
Manufacturer's List	\$3.20	\$3.50	\$3.90	\$4.30	\$4.90	\$5.60	\$7.50	\$10.70	\$14.70

6, 7, 8, 9 and 10 inch sizes, dozen in box.

12, 14 and 16 inch sizes, half dozen in box.

## MILL BASTARD (1 Rd. Edge)



Length, inches	8	9	10	12
Weight per dozen, lbs.	3 1/2	4 1/2	6 1/2	10 1/2
Manufacturer's List	\$4.80	\$5.50	\$6.30	\$8.40

## REGULAR TAPER



Length, inches	3	3 1/2	4	4 1/2	5	5 1/2	6	7	8
Weight per dozen, lbs.	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	2 1/2	2 1/2	3 1/2	5
Manufacturer's List	\$2.10	2.10	2.20	2.40	2.60	3.00	3.40	4.30	5.40

Dozen in box.

## SLIM TAPER



Length, inches	3	3 1/2	4	4 1/2	5	5 1/2	6	7	8
Weight per dozen, lbs.	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	2 1/2	3
Manufacturer's List	\$2.10	2.10	2.20	2.30	2.50	2.90	3.10	3.80	4.50

Dozen in box.

## EXTRA SLIM TAPER



Length, inches	4	4 1/2	5	5 1/2	6
Weight per dozen, lbs.	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2
Manufacturer's List	\$2.20	2.30	2.50	2.90	3.10

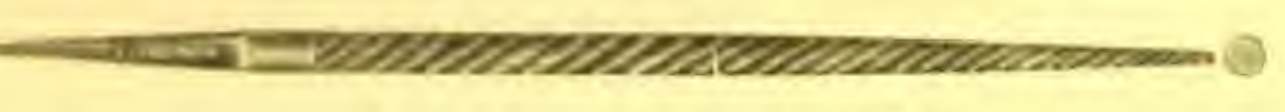
Dozen in box.

## DOUBLE END TAPER



Length, inches	7	8	9	10
Weight per dozen, lbs.	0	0	0	0
Manufacturer's List	\$3.50	\$3.90	\$4.40	\$4.90

## ROUND BASTARD



Length, inches	4	5	6	7	8	9	10	12	14
Weight per dozen, lbs.	1 1/2	1 1/2	1 1/2	1 1/2	2 1/2	3 1/2	4 1/2	9 1/2	15
Manufacturer's List	\$3.00	\$3.20	\$3.50	\$3.90	\$4.30	\$4.90	\$5.60	\$7.50	\$10.70

6, 7, 8, 9 and 10 inch sizes, dozen in box.

12 and 14 inch sizes, half dozen in box.

## SQUARE BASTARD



Length, inches	6	7	8	9	10	12	14
Weight per dozen, lbs.	1 1/2	1 1/2	2 1/2	3 1/2	4 1/2	9 1/2	16 1/2
Manufacturer's List	\$4.60	\$5.10	\$5.50	\$6.60	\$7.40	\$10.20	\$13.90

6, 7, 8, 9 and 10 inch sizes, dozen in box.

12 and 14 inch sizes, half dozen in box.

## HALF ROUND CABINET RASPS



Length, inches	10	12	14
Weight per dozen, lbs.	7	10	21
Manufacturer's List	\$17.50	\$22.80	\$29.60

Half dozen in box.

## FLAT BASTARD AND SMOOTH



Bastard; length, inches	6	7	8	9	10	12	14	16
Weight per dozen, lbs.	1 1/2	2 1/2	4	6 1/2	8 1/2	14	21	30
Manufacturer's List	\$4.30	\$4.80	\$5.30	\$6.30	\$7.00	\$9.70	\$13.30	\$17.80

Flat; smooth; length, inches

Weight per dozen, lbs.

Manufacturer's List

6, 7, 8 and 10 inch sizes, dozen in box.

9, 10, 12, 14 and 16 inch sizes, half dozen in box.

## HALF ROUND BASTARD AND SMOOTH



Bastard; Length, inches	6	7	8	9	10	12	14	16
Weight per dozen, lbs.	1 1/2	3	4	5 1/2	7	11 1/2	20	28
Manufacturer's List	\$6.10	\$7.00	\$7.50	\$8.50	\$9.10	\$11.80	\$15.50	\$20.60

Half Round; Smooth; length, ins.

Weight per dozen, lbs.

Manufacturer's List

6, 7 and 8 inch sizes, dozen in box.

9, 10, 12, 14 and 16 inch sizes, half dozen in box.

## WARDING BASTARD



Length, inches	3	3 1/2	4	4 1/2	5	6
Weight per dozen, lbs.	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2
Manufacturer's List	\$4.00	4.00	4.00	4.50	4.50	4.90

Dozen in box.

## CROSS CUT SAW



Length, inches	8	10
Weight per dozen, lbs.	0	0
Manufacturer's List	\$7.50	\$9.10

## PLAIN HORSE RASPS



Length, inches	14	15	16
Weight per dozen, lbs.	21	26	31
Manufacturer's List	\$17.80	\$20.90	\$24.40

Half dozen in box.

## HELLER BROS.

Length, inches	14	15	16
Weight per dozen, lbs.	21	26	31
Manufacturer's List	\$17.80	\$20.90	\$24.40

Half dozen in box.

## TANGED HORSE RASPS



Length, inches	14	15	16
Weight per dozen, lbs.	29	36	42
Manufacturer's List	\$23.10	\$27.30	\$32.20

Half dozen in box.

## HELLER BROS.

Length, inches	14	15	16
Weight per dozen, lbs.	29	36	42
Manufacturer's List	\$23.10	\$27.30	\$32.20

Half dozen in box.

## HALF ROUND WOOD RASPS



Length, inches	10	12
Weight per dozen, lbs.	7	10
Manufacturer's List	\$13.70	\$18.70

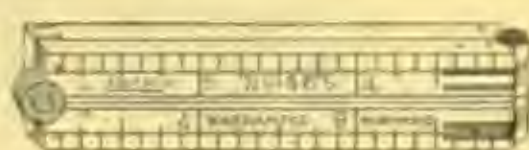
Half dozen in box.



## LUFKIN Boxwood Rules

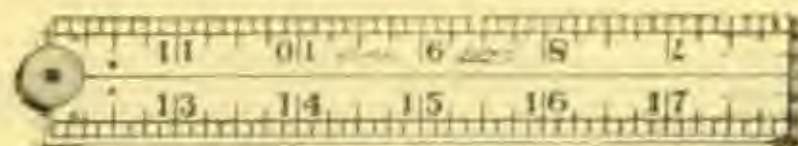
Lufkin Boxwood Rules are superior to others due to the quality and seasoning of the wood used (all wood being allowed to season for two or more years); the care given to the metal used in the joints and trimmings, the uniformity of graduations, and to the superior hand-rubbed finish given them.

### ONE FOOT UNBOUND. FOUR FOLD

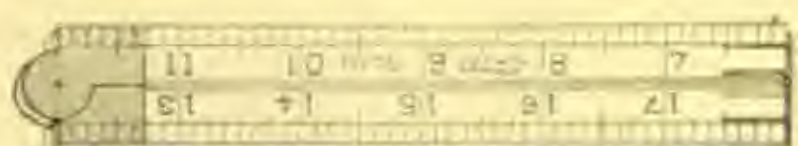


No. 69-465— $\frac{1}{2}$  inch wide, round joint; middle plates; 8-16ths. Per dozen..... \$3.90

### TWO FOOT UNBOUND. FOUR FOLD



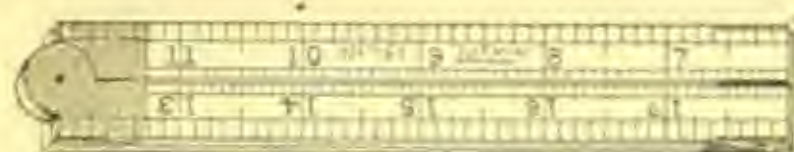
No. 68-651B—One inch wide, round joint; middle plates; 8-16ths, with heavy clear and distinct figures. Per dozen..... \$3.90



No. 61-751—One inch wide, Square Joint; Middle Plates. 8-16ths. Per dozen..... \$5.40



No. 51-851—One inch wide, Arch Joints, Middle Plates, with Drafting Scales 8-10-12-16ths. Per dozen..... \$7.20



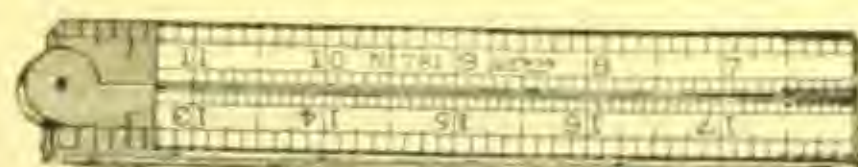
No. 63-761—One inch wide, Square Joint; Edge Plates, with Drafting Scales. 8-10-12-16ths. Per dozen..... \$7.70

### TWO FOOT HALF BOUND. FOUR FOLD



No. 84-771—One inch wide, Square Joint, Half Bound, with Drafting Scales. 8-10-12-16th. Per dozen..... \$13.60

### TWO FOOT FULL BOUND. FOUR FOLD



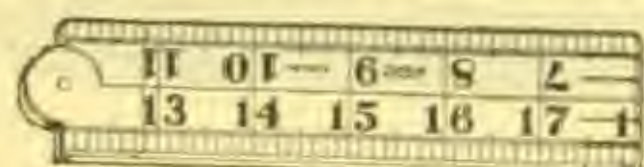
No. 62-781—One inch wide, Square Joint, Full Bound, with Drafting Scales. 8-10-12-16ths. Per dozen..... \$15.60



No. 54-881—One inch wide, Arch Joint, Full Bound, with Drafting Scales 8-10-12-16ths. Per dozen..... \$18.90

### BLINDMAN'S RULES

#### TWO FOOT. FOUR FOLD



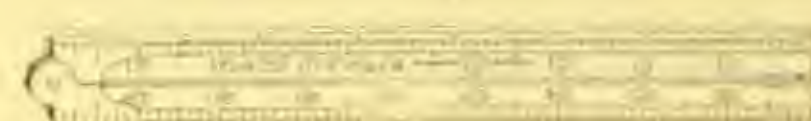
No. 7-752B— $\frac{1}{2}$  inch wide, Square Joint, Middle Plates. 8-16ths. Large and distinct figures. Per dozen..... \$12.80

### THREE FOOT UNBOUND. FOUR FOLD



No. 66-3851—One inch wide, Arch Joint, Middle Plates. 8-16ths. Per dozen..... \$10.50

### FULL BOUND. FOUR FOLD



No. 66-3881—One inch wide, Arch Joint, Full Bound. 8-16ths. Per dozen..... \$31.00

### COMBINATION RULE, LEVEL AND PROTRACTOR

#### TWO FOOT. FOUR FOLD



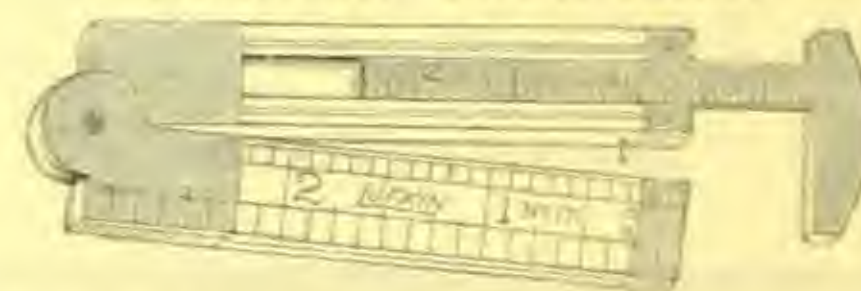
No. 863L— $1\frac{1}{2}$  inch wide, Arch Joint, Edge Plates, with Drafting Scales, Level and Protractor. 8-16ths. Per dozen..... \$33.40

### ARCHITECT'S RULES WITH INSIDE EDGES BEVELED Two Foot. Four Fold.



No. 53-861A—One inch wide, Arch Joint, Edge Plates, with Architect's Scales. 8-10-12-16ths. Per dozen..... \$14.60

### CALIPER RULES SIX INCH. FOUR FOLD



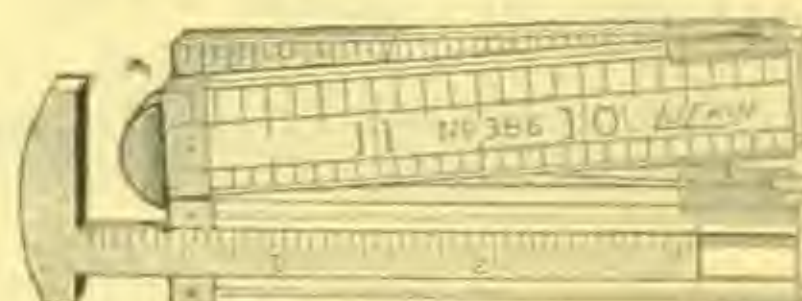
No. 36-171—One inch wide, Square Joint, unbound. 8-10-12-16ths. Caliper 16-32nds. Per dozen..... \$10.20

### ONE FOOT. TWO FOLD



No. 36-372— $1\frac{1}{2}$  inch wide, Square Joint, Unbound. 8-10-12-16ths. Caliper 16-32nds. Per dozen..... \$15.50

### ONE FOOT. FOUR FOLD



No. 32-386—One inch wide, Arch Joint, Edge Plate. 8-10-12-16ths. Caliper 16-32nds. Per dozen..... \$15.70



### SPRING JOINT RULES

These rules are made of the finest grade flexible wood which has been allowed to thoroughly season. Metal joints and trimmings are brass plated.



No. 8512-8612

Market Consecutive Inches

Yellow Enameled

No.		Per dozen
8512	2 ft.	\$ 2 70
8513	3 ft.	\$ 4 10
8514	4 ft.	\$ 5 50
8515	5 ft.	\$ 6 90
8516	6 ft.	\$ 8 20
8518	8 ft.	\$12 50

White Enameled

8613	3 ft.	\$5 10
8614	4 ft.	\$6 00
8615	5 ft.	\$7 50
8616	6 ft.	\$9 00

With Folding Hook

### SPRING JOINT RULES

WITH FOLDING HOOK

(Patented June 13 1916)



Just the thing for taking measurements out of arms reach, and handy for taking almost any measurement. Zero point falls at inside of hook when open, at extreme end of rule same as regular rules when hook is closed.

Yellow Enameled

No.		Per doz.
H8514	4 ft.	\$ 6 90
H8515	5 ft.	\$ 8 40
H8516	6 ft.	\$10 00
H8518	8 ft.	\$13 10

White Enameled

No.		Per doz.
H8614	4 ft.	\$ 7 40
H8615	5 ft.	\$ 9 10
H8616	6 ft.	\$10 30
H8618	8 ft.	\$14 10

### EXTENSION RULE

Made of GENUINE Boxwood extra heavy, securely fastened at joints, making it more rigid when extended than the ordinary folding rule.



Particularly designed for taking inside measurements of openings such as door and window frames, for boilers, etc., and such measurements as are difficult to take with the ordinary folding rule, but serves also every purpose of a common rule in ordinary measuring.



The first section of the rule is fitted with a graduated brass slide which cannot come loose or fall out as it is securely locked at both ends. To obtain inside measurements, open rule to within six inches or less of distance between points to be measured. Extend brass slide by push button to point of measurement. Add measurement on brass slide to that shown at extreme end of rule, which will give you exact distance between points measured. Extension slide admirably adapted to measuring depth of mortises and other holes. The rules are six feet in length and when extension slide is used give a measuring capacity of six and one-half feet.

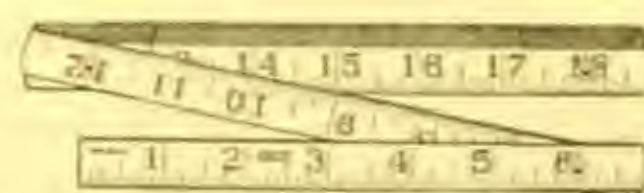
Graduated both sides in consecutive inches and sixteenths, figures and lines being clear and distinct.

A rule that will especially appeal to carpenters, architects, inspectors, contractors, automobile workers and others.

No. X8536—6 foot Boxwood Extension Rule.  
Per doz. \$24 00

Weight per dozen, 4 1/4 lb.

### ALUMINUM RULES



Made from rolled aluminum strips 3/16 x 9/16 inch; brass spring joints; marked both sides in 1/16, 1/8 and 1/4 inches; engine divided marking; light and indestructible.

No.	Per doz.
1204, 4 ft.	\$28 80
1205, 5 ft.	35 00
1206, 6 ft.	42 00

Half dozen in a box.

### YARD STICK

(Government Stamped)



No. 7122—Select Maple; polished finish; width 1 inch; thickness 3/4 inch; graduated one side inches and eights, other side fractions of yards; weight per dozen 2 1/4 lbs.

Per dozen \$9 60

Open Stock.

### COUNTER MEASURE



No. 1068—Brass; length 3 feet; width 3/4 inch; thickness 19 gauge graduated 1/16, 1/8, 1/4, 3/8, 1/2, 5/8, 2/3, 3/4 and 7/8 of a yard; drilled and countersunk for attaching to the counter; government stamped. Weight per dozen 4 lbs.

Per dozen \$27 00

Open Stock.

### COMBINED CALK-SET AND PUNCH



Packed one in box.

Length 4 inches. Price per dozen \$9 20

### BEADED BOOT CALKS



Forged from the best quality crucible steel.

Numbers	000	00	0
Weight per M., lbs.	2 1/2	3 1/4	3 1/2
Price per M.	\$ 9 50	9 50	9 50

Packed 100 in a box, 1000 in carton.

### LUMBER GAUGES



No. 00—Made of aluminum; light and convenient; for measuring thickness of lumber; measures 3/8, 1/2, 5/8, 3/4, 7/8, 1, 1 1/4, 1 1/2, 1 3/4 and 2 inches; weight per dozen 9 ounces. Per dozen \$14 40

One in a box.



## LUFKIN Steel Rules

### SPRING TEMPERED MECHANIC'S STEEL SCALES

#### MACHINE DIVIDED



Showing Readable Graduations



Showing End Graduations

No. 2204R—No 4 graduations. 8ths, 16ths, 32nds and 64ths.

Approx. width, ins.	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1
Length, inches	4	6	9	12
Per dozen	\$15 10	19 60	30 20	37 70

### ENGLISH PATTERN STEEL RULES

#### MACHINE DIVIDED



(Figure 1)



(Figure 2)

No. 2701—Marked one side only, 8ths and 16ths, as Figure 1.

	6 inch	12 inch
Price per dozen	\$6 50	11 40

No. 2703—Marked both sides, one side 8ths and 16ths, as Figure 1, other side 8ths, 16ths, 32nds and 64ths, as Fig. 2.

	6 inch	12 inch
Price per dozen	\$12 80	18 60

NOTE—Above rules are  $\frac{3}{4}$  inch wide, 21 gauge, in 6 inch lengths;  $1\frac{1}{8}$  inch wide, 19 gauge in 12 inch length.

### FOLDING STEEL RULES

#### BLACKSMITH'S



No. 85—2 foot; tempered steel;  $\frac{3}{4}$  inch wide, 21 gauge, graduated one edge, both sides; 8-16ths stop joint.

Price per dozen \$21 00

### BLACKSMITH'S FOLDING BRASS RULES



No. 1085—2 foot. Hard brass,  $\frac{3}{4}$  inch wide; 19 gauge, graduated one edge; both sides; 8-16ths stop joint.

Price per dozen \$18 50

### FOLDING STEEL RULES



A One-foot Folding Steel Pocket Rule  $\frac{3}{8}$  inch wide. Put up in a leather case attractive display cards of one dozen each.

No. 041. Per dozen \$3 10

### RULE AND SQUARE COMBINED



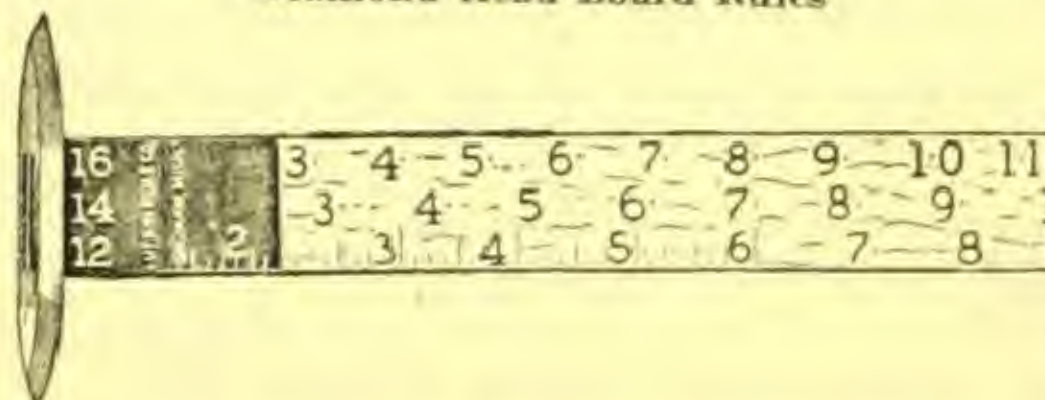
Two feet; Stop Joint; machine divided  $1\frac{1}{8}$  inch wide, 19 gauge. When opened measures 24 inches; can be used as a square when half closed.

No. 2781—Marked one side only; bottom edge 16ths, top edge 8ths. Weight per dozen,  $4\frac{1}{2}$  lbs. Price per dozen \$40 00

### HICKORY BOARD RULES

#### BURNT FIGURES

#### Diamond Head Board Rules



No. 3—3 Tier,  $1\frac{1}{8}$  inch wide; board rule.

Extra heavy brazed head (steel caps and  $1\frac{1}{2}$  in. brass shoulders). Figured 30 inches, with 6 inch handle. Full length 3 feet. Marked either for 8 to 18 ft. lengths or 12 to 22 ft. lengths. Weight per dozen, 6 lbs.

Price per dozen \$50 30

No. 8—4 Tier,  $1\frac{1}{8}$  in. wide, board rule.

Extra heavy brazed head (steel caps and  $1\frac{1}{2}$  in. brass shoulders). Figured 30 in. with 6 in. handle. Full length, 3 ft. Marked one side 10, 12, 14, 16 ft. 9, 11, 13, 15 ft. other side. Weight per dozen,  $6\frac{3}{4}$  lbs.

Price per dozen \$54 70

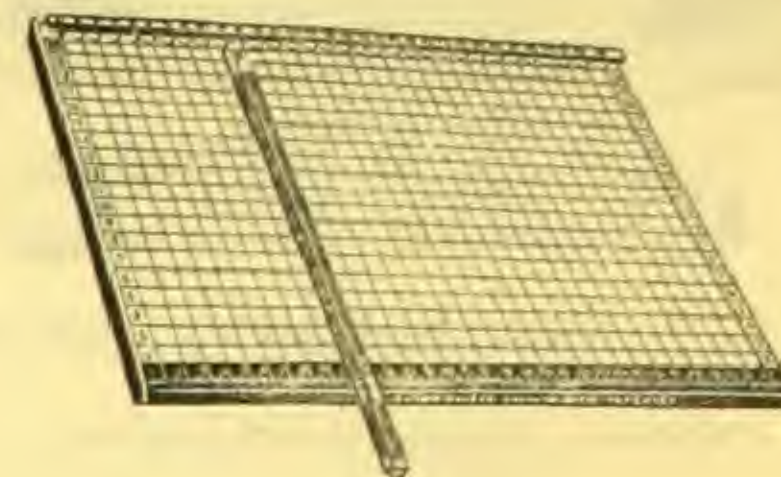
No. 10—5 Tier,  $1\frac{1}{2}$  in. wide Board Rule.

Has extra heavy brazed head (steel caps and  $1\frac{1}{2}$  in. brass shoulders). Figured 30 inches, with 6-in. handle. Full length 3 ft. marked one side to measure 12, 13, 14, 15, 16 ft.; other side 7, 8, 9, 10, 11 ft. Weight per dozen,  $6\frac{3}{4}$  lbs. Price per dozen \$65 60

### The "PERFECTION" GLASS BOARD

#### TRADE MARK Registered

With Improved Adjustable Straight Edge



Lower side of straight Edge Upper side of straight Edge

The "Perfection" Glass Board enables a merchant to cut glass accurately in inches or fractions of inches as desired. Made of narrow strips of well seasoned lumber, ruled both ways in inches, and has a steel rule at the front side graduated in inches and 8ths. The straight edge is fitted with a simple device by which it can be moved forward or backward, and can be fixed by means of a set screw at any point desired. When several lights of glass of the same size are to be cut, the screw once set, every light will be exactly the same size.

Size of board	Weight each, lbs.	Price, each
24 x 36	36	\$36 20
30 x 48	58	\$44 40
36 x 54	72	\$52 70
42 x 60	100	\$59 20
48 x 72	136	\$78 90

Other sizes made to order

### GLAZIER'S RULES

#### FLAT, WITHOUT FLANGE



Graduated one side in consecutive inches and 8ths. Other side, bottom edge in consecutive inches and 8ths; top edge in feet and fractions of feet. Brass tipped.

### POLISHED MAPLE

	Weight per dozen	Price per doz.
No. 7137—48 in. $1\frac{3}{4}$ x $\frac{1}{4}$ in.	7	\$27 50
No. 7138—60 in. $1\frac{3}{4}$ x $\frac{1}{4}$ in.	8	\$41 40
No. 7139—72 in. $1\frac{3}{4}$ x $\frac{1}{4}$ in.	10	\$61 60



# LUFKIN Measuring Tapes

All **LUFKIN** Steel Tapes are marked with *Instantaneous* Readings. This consists of repeating the foot shown in the illustration, which brings the total readings directly before the eye eliminating all possibility of error.



## "CHALLENGE" STEEL TAPES



Finest grade of Busset leather cases, metal lined with nickel plated trimmings. Folding flush handle, opened by pressing pin on opposite side.

With three-eighth inch Steel Tape.

Marked Feet, Inches and Eighths, one side only.

No. 263—Length 50 feet.	Each	\$ 9 80
No. 265—Length 75 feet.	Each	\$12 70
No. 266—Length 100 feet.	Each	\$15 90

## "RELIABLE JR" STEEL TAPES



One of the finest measuring instruments made. Of the same construction as the "Reliable" but much smaller, the 25-foot tape weighing only four ounces.

With One-Quarter inch Steel Tape

Marked one side in Feet, Inches and Sixteenths.

No. 100—Length 25 feet.	Each	\$ 7 30
No. 103—Length 50 feet.	Each	\$10 50

## "RIVAL" STEEL TAPES



Nickel plated steel cases with folding flush handle, opened by pressing pin on opposite side. Cases have knurled edges, which affords a firm grip when winding in tape.

With Three-Eighth inch Steel Tape.

Marked Feet, Inches and Eighths, one side only.

No. 243—Length 50 feet.	Each	\$ 8 70
No. 245—Length 75 feet.	Each	\$11 70
No. 246—Length 100 feet.	Each	\$14 10

## "RIVAL JR" STEEL TAPES



Nickel plated steel cases with folding flush handle, opened by pressing pin on opposite side. Cases have knurled edges, which affords a firm grip when winding in tape.

With One-Quarter inch Steel Tape

Marked one side in Feet, Inches and Sixteenths

No. 1240—Length 25 feet.	Each	\$6 10
No. 1243—Length 50 feet.	Each	\$8 10

## "UNIVERSAL" MEASURING TAPES

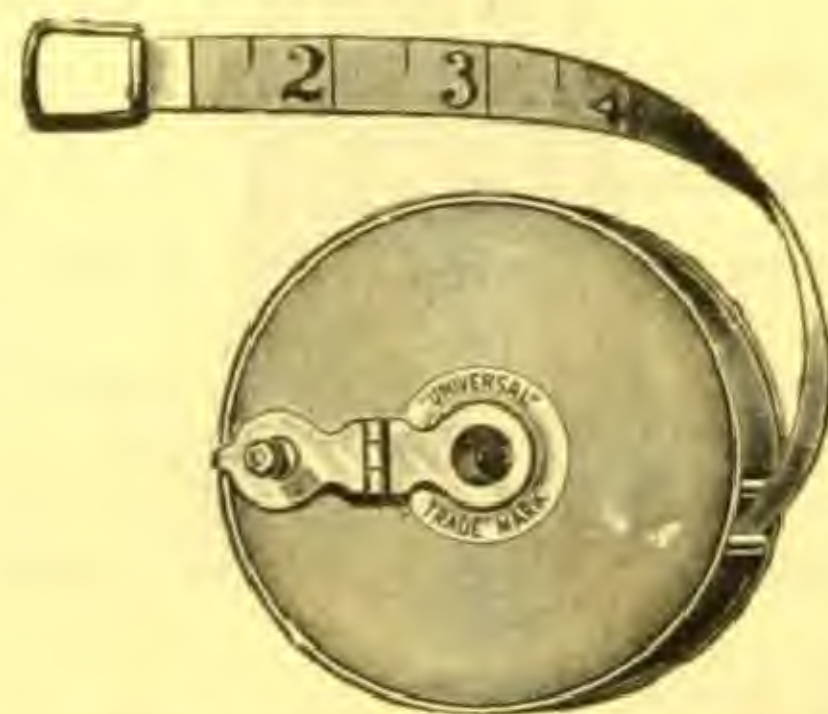


Cases of pressed leather, nicely enameled, folding handles. These tapes are corded with pure, unbleached linen, making them especially strong and durable.

With One-Half inch Linen Corded Tape  
Water Proof Coated

No. 1033—Length 50 feet.	Each	\$3 00
No. 1034—Length 66 feet.	Each	\$3 60
No. 1036—Length 100 feet.	Each	\$4 50

## ASS SKIN TAPES



A popular, low-priced tape, well constructed. Cases brass bound and sides cream enameled. Folding handles.

Half Inch Cotton Tape Waterproof Coated

Marked Feet and Inches

No. 710—Length 25 feet.	Per doz.	\$ 9 30
No. 713—Length 50 feet.	Per doz.	\$12 30
No. 714—Length 66 feet.	Per doz.	\$14 70
No. 716—Length 100 feet.	Per doz.	\$22 10

## METALLIC MEASURING TAPES



Hard leather cases, folding handles, nickel plated trimmings. Best woven linen with metallic warp.

With Five-Eighths Inch Tapes.

Marked one side only, in Twelfths.

No. 503—Length 50 feet; weight 13 oz.	Each	\$5 70
No. 505—Length 75 feet; wt. each 17 oz.	Each	\$7 10
No. 506—Length 100 feet; wt. each 21 oz.	Each	\$8 80

## POCKET TAPES



Round Edge, nickel plated cases, spring wind, center stop.

With One-Quarter Inch Steel Tape

Marked one side in Inches and Sixteenths

No. 143—Length 36 inches.	Per doz.	\$14 50
No. 145—Length 60 inches.	Per doz.	\$18 40

With One-Quarter inch Enameled Linen Tape

Marked one side in Inches and eighths

No. 173—Length 36 inches.	Per doz.	\$10 50
No. 175—Length 60 inches.	Per doz.	\$12 70

## "MARVEL" POCKET STEEL TAPES



No. 3143—Nickel plated cases, spring wind, center stop. Tapes 36 inches long, graduated in inches and 16ths. The "Marvel" sells itself from an attractive leatherette display box of one dozen tapes each. Per dozen \$9 10

## "UNIVERSAL" POCKET TAPES

No. 165—60 inches. Nickel plated cases, spring wind, center stop. Good quality tape. Marked in inches and eighths. Put up in strong and attractive DISPLAY BOXES. Per dozen \$3 10



## Sharpening Stones



**Carborundum Sharpening Stone:** made of uniform grade of Carborundum grain, unequalled for fast cutting qualities; will not glaze; can be used dry, with water or with oil.

Number	Size, ins.	Grade	Mfrs list Per doz.
115	8 x 2 x 1	Fine	\$18.00
116	"	Medium	18.00
117	"	Coarse	18.00
118	8 x 2 x 1	Fine	16.20
119	"	Medium	16.20
120	"	Coarse	16.20
121	6 x 2 x 1	Fine	13.80
122	"	Medium	13.80
123	"	Coarse	13.80
124	6 x 2 x 1	Fine	10.80
125	"	Medium	10.80
126	"	Coarse	10.80
130	6 x 1 1/2 x 1/2	Fine	8.40
131	"	Medium	8.40
132	"	Coarse	8.40
133	7 x 2 x 1	Fine	15.00
134	"	Medium	15.00
135	"	Coarse	15.00
136	5 x 2 x 1/2	Fine	9.00
137	"	Medium	9.00
138	"	Coarse	9.00

One in box.



**Carborundum Round Edge Gauge Stones:** for sharpening gauges and similar tools.

Number	Size, ins.	Grade	Mfrs list Per doz.
160	8 x 2 x 1	Fine	\$18.00
161	"	Medium	18.00
163	5 x 1 1/2 x 1/2	Fine	10.80
164	"	Medium	10.80
166	4 x 1 1/2 x 1/2	Fine	9.60
167	"	Medium	9.60
169	4 x 1 x 1/2	Fine	5.40
170	"	Medium	5.40

One in box.



**Carborundum Machinists' Special Stone:** made especially for machinists use; handy size for pocket; fast cutting grit; suitable for lathe and planer tools, etc. Length 4 inches; width 1 inch; thickness 1/2 inch.

No. 292—Fine; mfrs list, per dozen	\$6.60
No. 292M—Medium; mfrs list, Per dozen	\$6.60

One in box.



**Carborundum Pocket Hone:** very fine grit for sharpening pocket knives, scissors, and small tools. Length 3 inches; width, 1 inch; thickness 1/2 inch.

No. 149—Mfrs list, Per dozen	\$2.40
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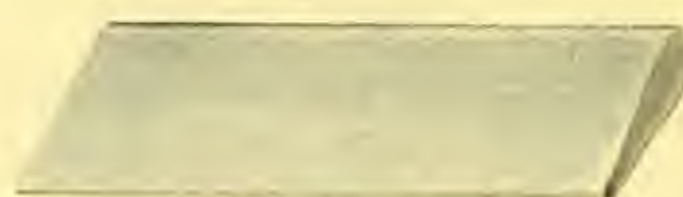
One in box.



**Carborundum Combination Stone:** made especially for mechanics' use being fine on one side and coarse on the other.

Number	Size, inches	Mfrs list Per doz.
107	4-round	\$15.00
108	8 x 2 x 1	21.00
109	6 x 2 x 1	15.00
110	7 x 2 x 1	18.00
111	5 x 2 x 1	12.00
112	4 x 1 1/2 x 1/2	10.20

One in box.



**Carborundum Slip Stones:** for sharpening gauges, blades, irons and all curved edges.

Number	Size, inches	Grade	Mfrs list Per doz.
174	6 x 2 1/2 x 1/2	Fine	\$13.80
175	"	Medium	13.80
177	4 1/2 x 1 1/2 x 1/2	Fine	7.80
178	"	Medium	7.80
180	1 1/2 x 2 1/2 x 1/2	Fine	10.80
181	"	Medium	10.80
183	1 1/2 x 1 1/2 x 1/2	Fine	7.80
184	"	Medium	7.80
186	4 x 1 x 1/2	Fine	7.20
187	"	Medium	7.20

One in box.



**Washita Slip Stones:** uniform grade; use with oil; for sharpening gauges and all other curved edges. Produces a fine lasting edge; one dozen assorted from 2 1/2 to 3 1/2 inches long and 1 1/2 to 2 inches wide in a box. Weight 2 lbs.

Per dozen	\$4.30
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**Carborundum Knife Sharpener:** a shaft of carborundum secured to the handle by a steel rod extending its entire length; an ideal sharpener for all household knives. Ebonized handles; metal guard; a metal display stand supplied with three dozen sharpeners; weight per dozen, 4 lbs.

Per dozen	\$5.10
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**Quick Cut Emery Oil Stones:** a fast cutting, low priced, combination stone; one side fine grain and the other coarse grain emery.

Size, inches	6 x 2 x 1	7 x 2 x 1
Weight per dozen, lbs.	10 1/2	15 1/2
Per dozen	\$6.00	7.50

One in box.



**Ohio Grit Oil Stone:** a fast cutting; well finished stone for all around use; mounted in hardwood case.

Size, inches	6 x 2	7 x 2
Weight, per dozen, lbs.	14	15
Per dozen	\$6.30	7.70

One in box.



**Washita Sharpening Stones:** uniform grade; especially useful to mechanics for giving a fine, keen cutting, lasting edge; use oil on this stone for best results. Length 7 inches; width 2 inches; thickness 1 inch. Weight per dozen, 13 lbs.

Per dozen	\$18.40
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One in box.



**Hindustan Axe Stone:** natural stone of even quality; length 2 1/2 inches; width 1 1/2 inches; thickness 1/2 inch. Per pound

10 pounds in box.



**Pike Kantbreak Emery Knife Sharpener:** reinforced by a steel rod from handle to tip. The handle is nicely enamelled and has a rubber band and tip. The point of shaft is also tipped with rubber; these rubber cushions prevent breaking and add to the appearance and usefulness of the article; length over all 15 inches; weight per dozen with display stand, 8 lbs. Per dozen

\$13.00



## Sharpening Stones

### CARBORUNDUM No. 7—DISPLAY CASE

#### Assortment No. 7



This is a splendid, attractive little case for the window or counter display. It is 24 inches high, 18 inches wide, and 12 inches deep. It is made from golden quartered oak. The door and glass-covered display panel showing an assortment of Carborundum stones are in one. Back of the door is the stock compartment for carrying stone assortment. The stock is accessible from the front of the case, making it very convenient.

Weight, case and display stones packed, 65 lbs.

#### DISPLAY

The following stones are mounted on the display panel or door of the case.

1 only	No. 103	1 only	No. 145
1 "	" 200	1 "	" 149
1 "	" 109	1 "	" 183
1 "	" 111	1 "	" 184
1 "	" 112	1 "	" 194
1 "	" 118	1 "	" 292
1 "	" 124	2 "	4 x 3/8 round
1 "	" 142	2 "	4 x 3/8 square
		2 "	4 x 3/8 tri.

#### STOCK

2 only	No. 200	2 only	No. 145
2 "	" 103	1 "	" 180
2 "	" 102	1 "	" 181
1 "	" 101-A	2 "	" 183
2 "	" 115	2 "	" 184
1 "	" 116	3 "	" 292
2 "	" 118	2 "	" 107
1 "	" 119	1 "	" 108
2 "	" 121	2 "	" 109
1 "	" 122	2 "	" 110
3 "	" 124	2 "	" 111
2 "	" 125	2 "	" 112
2 "	" 142	2 "	" 194
1 "	" 143		

No. 7—Assortment complete with case.....\$113.20

### CARBORUNDUM FOUR-DRAWER DISPLAY CASE

#### Assortment No. 1

An attractive display case for the counter, show case or shelf. Has four spacious drawers for keeping stock of Carborundum stones. The case is strong, well made, and attractive. Full details regarding display case offer, sent on request. A suggested list of stones to be carried in the case follows:

1 only	No. 107	2 only	No. 136
2 "	" 108	2 "	" 180
2 "	" 109	1 "	" 181
1 "	" 111	2 "	" 183
1 "	" 112	1 "	" 184
2 "	" 121	2 "	" 193
1 "	" 133	2 "	" 195
4 "	" 124		

No. 1—Assortment complete with case.....\$40.80



### SCYTHE STONES IN DISPLAY CARTON

#### Carborundum Scythe Stones

This display carton is made of cardboard, reinforced with wood and covered with a buff paper.

It is hinged at the center, and when folded back for display is rigid and makes an exceedingly attractive appearance. Given free with one dozen scythe stones. Weight per carton, 5 3/4 lbs.

No. 190—Carborundum Scythe stones in carton. Per dozen.....\$5.10

#### Aloxite Scythe Stone

The Aloxite scythe stone, because of the hardness and toughness of the Aloxite grain, cuts quickly and easily, leaving a good working edge. It holds its shape and shows long life. Aloxite Scythe stones are packed quarter gross in wood box and weight 100 lbs. per gross.

No. 188—Aloxite Scythe Stones. Per dozen.....\$5.10





## Scythe Stones



Western Red End; very coarse; rapid cutting; western grindstone grit; flat face, square edges. Weight per gross, 140 lbs. Per gross . . . \$15.00  
Quarter gross in box.



Green Mountain; a sharp gritted stone, oval shape; a good medium priced stone; weight per gross, 100 lbs. Per gross . . . \$25.70  
Quarter gross in box.



Quickcut; serviceable stone of extremely fast cutting material strengthened by steel rod through out, full length; gives medium coarse edge. Per gross . . . \$14.50  
Quarter gross in box.



No. 1-Indian Pandy, given quick medium coarse edge. Weight per gross, 140 lbs. Per gross . . . \$25.20  
Quarter gross in box.



Black Diamond; very popular, natural grit, scythe stone; fine-gritted; extremely sharp and fast cutting; gives fine, lasting edge; flat octagon in shape. Weight per gross, 110 lbs. Per gross . . . \$36.00  
Quarter gross in box.



No. 37-Carbide; a durable, fast-cutting stone; imparts a sharp, medium fine edge, suitable shape for use on mower blades as well as scythes; reinforced by two wires, embedded in stone; length 7 inches; width 2 inches; thickness 1 1/2 inches. Weight per dozen, 8 lbs. Per dozen . . . \$29.40  
Open Stock.

## Letters and Figures



No. 2006

No. 2006-Machine Made Letters; high grade steel, Roman type; carefully formed; contains the full alphabet also & 127 characters in all in the box with cover.

Size, inches  
Per set

1/2 1/2  
\$2.20 1.50

No. 2007-Machine Made Figures; high grade steel, Roman type; carefully formed; contains figures 0 to 9; also characters in all, also 127 characters in all in the box with cover.

Size, inches  
Per set

1/2 1/2  
\$2.20 1.50

NOTE:—Order when supplied in order.



No. 2007

## Graining Combs



No. 400—Blind stamp, mounted on a 1/2 x 1/2 inch in width, one Roman comb; in a set, weights per set 1/2 lb. One set . . . \$2.00

One set in a box, 100 lbs.

## Fret Saw Sets



No. 100—Fret saw, made in the set as follows: one with one Roman blade; the other, Roman, also with one Roman blade; the other, Roman, also with one Roman blade; the other, Roman, also with one Roman blade. One set . . . \$2.00



# Tinners' Accessories

## GASOLINE FIRE POTS



No. 5—Capacity, 6 pints; for tinners, plumbers and electricians; seamless metal tank; top section large enough to handle easily pair of 8 lb. coppers and 5 inch melting pot at the same time; burner produces pure blue flame, intensely hot but using little gasoline; by removing top section base may be used as torch or brazing fire. Height over all, 12½ inches; diameter at base, 8¼ inches diameter at top, 6 inches. Shipping weight each, 10¼ lbs. Each ..... \$30.00

One in box.

## GASOLINE BLOW TORCHES



No. 38—Pint Size; Repair Man's Favorite; unsurpassed by any pint size torch on market; latest improved burner protects gas from wind and cold; flame remains blue and maintains intensity in almost any wind or weather; uses but little gasoline; patent automatic air pump, with check valve insures desired pressure at all times; hook and support for holding soldering copper. Shipping weight each, 2¾ lbs. Each ..... \$18.00

One in box.



No. 32—Quart Size; unequalled where intense heat is desired; gives best of service in strongest wind or extreme cold; burner produces powerful blast; economical, durable and very efficient; has hook and support for holding soldering copper. Shipping weight each, 4¼ lbs. Each ..... \$20.00

One in box.

## IMP TORCH



Imp Gasoline Blow Torch is a practical small sized torch, starts with a match, has no pump or valve, is entirely automatic and burns two hours with one filling. Perfectly safe for either hand or bench work. Made of brass and highly nickel plated. Weight each, 3 ozs. Each ..... \$3.50

One-half dozen in box.



No. 122—Pint Size; a moderate priced torch of good quality and satisfactory for ordinary use. The air pump and automatic check valve are contained in the handle. Soldering copper attachment is supplied with this torch. Weight each 3 lbs. Each ..... \$15.00

One in carton



No. 120—Quart Size; of the same construction and quality as No. 122 but in the larger size. It has attachment for holding soldering irons and automatic air valve and pump in the handle. Weight each 4 lbs. Each ..... \$17.00

One in carton.

## SOLDERING SETS



No. 2—Consists of substantial 8 ounce soldering iron; one piece of triangular solder; one box of resin; one scraper. Each set packed in a lock-corner, slide cover wood box. Each ..... \$0.40

Open Stock.

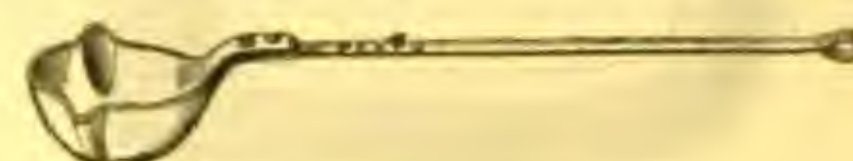
## SOLDERING COPPERS



Refined copper; square points; iron stocks.  
Weight per pair, lbs. .... ½ 1 1½ 2  
Per pound ..... \$1.40 1.04 .96 .88  
Weight per pair, lbs. .... 2½ 3 4 6  
Per pound ..... \$ .86 .84 .80 .80

Open Stock.

## MELTING LADLES



No. 7800—Malleable Iron.  
Width, inches. .... 4 5 6  
Weight per dozen, lbs. .... 15 24 36  
Per dozen ..... \$7.70 11.00 14.00

Half dozen in package.

## CUTTING NIPPERS



B.B.—The jaws of these cutting nippers are removable and can be replaced at any time. They are of special cast steel, carefully tempered and thoroughly tested before leaving the factory. The jaws are pivotted near the cutting edge giving increased leverage and consequently are easy to operate. Length over all 12 inches; width of jaws 1¼ inches; weight per pair, 2½ lbs.

Per pair ..... \$9.80

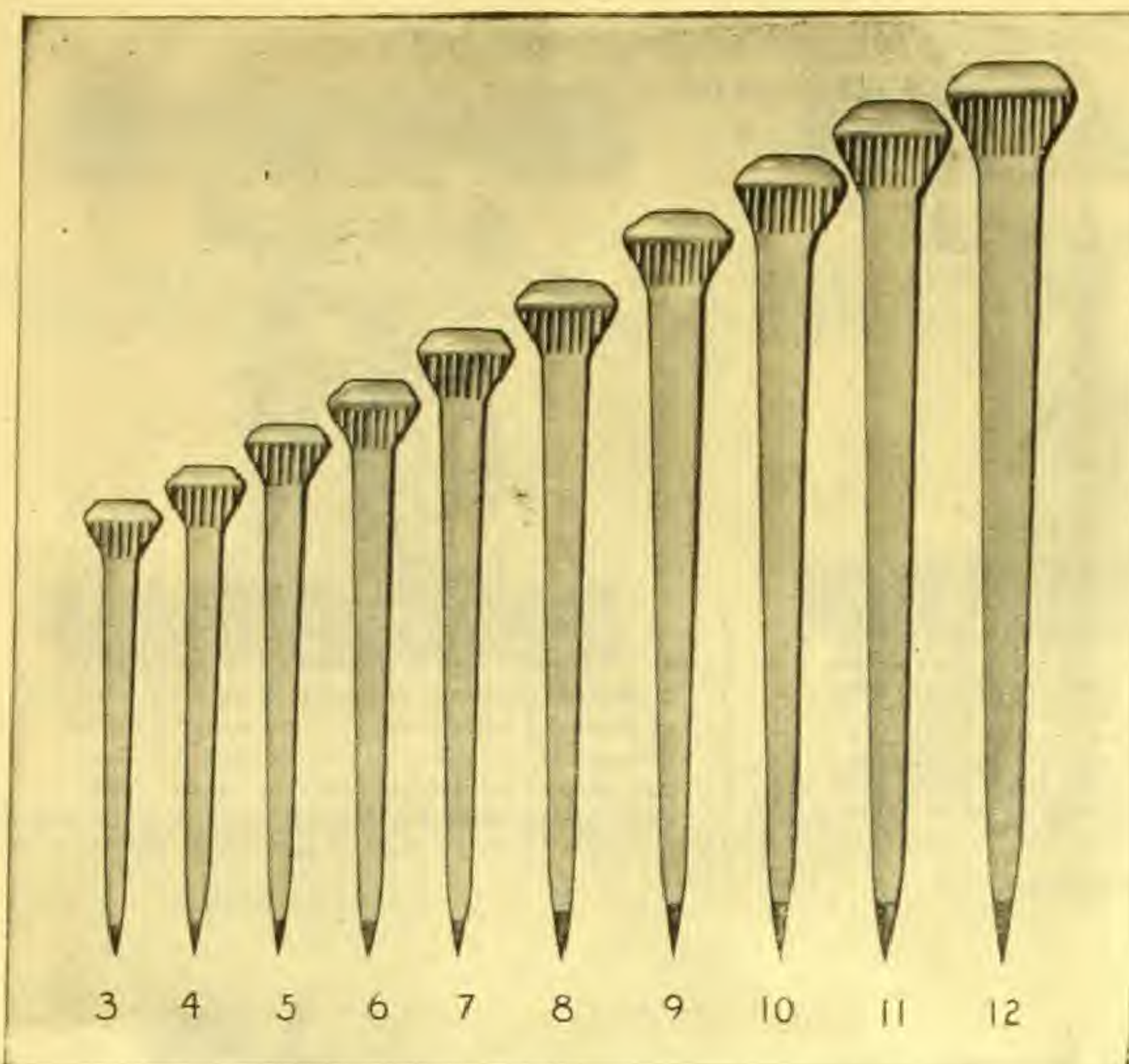
Extra Jaws, per pair ..... \$3.00

Open Stock.



## Blacksmiths' Supplies

## HORSESHOE NAILS



## FULL SIZE CUTS

Montreal Regular Head; made by patented Cold Rolling process from best quality Open Hearth Steel.

Numbers	3	4	5	6	7	8	9	10	11	12
Per 25 lbs. Box	\$30.00	20.00								\$9.00

5 lbs. carton; 25 lbs. in wood box.

Capewell Horse Nails; Regular Head; made of best Swedish iron guaranteed never to break under the head.

Numbers	3	4	5	6	7	8	9	10	11	12
Per 25-lbs. Box	\$72.00	27.00	13.50	13.00	12.50	12.00	11.50	11.50	11.50	11.50

5 lbs. in carton; 25 lbs. in wood box.

## FARRIERS' KNIVES



No. 52—Heller Bros. Iron Handle; Blade is  $\frac{1}{2}$  inch wide; adjustable to length and easily replaced. Weight per dozen,  $4\frac{1}{2}$  lbs. Per dozen \$16.00  
Extra Blades per dozen \$12.00

One dozen in box.



No. 174—White Bone Handle; best quality English crucible steel blade; full polished; assorted widths of blades as desired,  $\frac{1}{2}$ ,  $\frac{3}{4}$  or  $\frac{1}{2}$  inch. Weight per dozen,  $1\frac{1}{2}$  lbs. Per dozen \$13.00

Half dozen in box.

## WELDING COMPOUND

E-Z Welding Compound; a general purpose welding compound used in welding all grades of steel or iron. Conceded to be a first class compound.

Sizes, 10 lb. boxes. Per lb. \$0.22



## Repair Links



No. 50—Cold Shut; Forged from best refined iron.

Size, inches	$\frac{1}{4}$	$\frac{3}{16}$	$\frac{1}{2}$	$\frac{3}{4}$	$\frac{1}{2}$	$\frac{3}{4}$
Wgt. per 100.	6	10	16	25	35	70
Per hundred	\$8.40	9.00	9.60	10.80	14.40	24.00

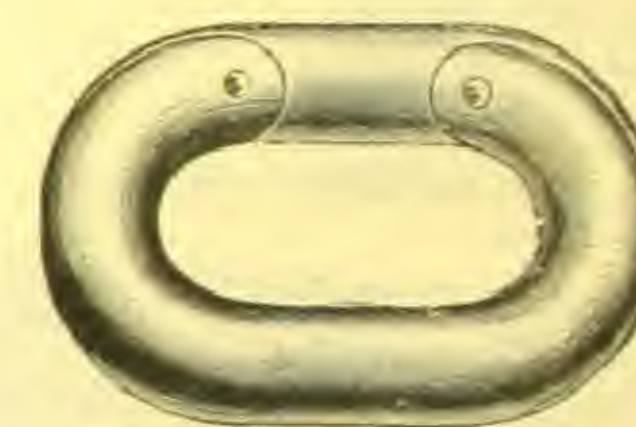
Open Stock.



Keystone—Drop forged from tough bar steel, and so constructed as to make a quick and permanent repair.

Size, inches	$\frac{3}{16}$	$\frac{1}{2}$	$\frac{3}{4}$	$\frac{1}{2}$
Weight per dozen, lbs.	2	3	5	7
Per dozen	\$6.30	7.00	9.00	11.00

One dozen in box.



Rivet Pattern; japanned malleable iron; for heavy coil and logging chains.

Size	$\frac{1}{4}$	$\frac{3}{16}$	$\frac{1}{2}$	$\frac{3}{4}$	$\frac{1}{2}$
Inside length, inches	$\frac{3}{4}$	$\frac{1}{2}$	1	$1\frac{1}{8}$	$1\frac{1}{4}$
Weight per doz., lbs.	$\frac{3}{4}$	1	$1\frac{1}{2}$	2	3
Per dozen	\$1.30	1.90	2.40	3.20	4.00

Half gross in box.

## Hitching Rings



No. 5—Wrought Steel Screw; malleable ring; plain finish.

Size of Ring, inches	2	$2\frac{1}{2}$
Weight per dozen, lbs.	$3\frac{1}{4}$	4
Per dozen	\$2.40	3.00

One dozen in box.



No. 3—Solid Eye; welded ring; screw stem is  $\frac{7}{16}$  x  $3\frac{1}{2}$  inches; ring  $2\frac{1}{4}$  inches in diameter; weight per dozen, 4 lbs. Per dozen \$5.00

One dozen in box.

## HORSE WEIGHTS



No. 7—Cast Iron; Very desirable for anyone having occasion to leave horses standing on the street. Weights 15 and 25 lbs. Per lb. \$0.24



# Blacksmiths' Tools

## FORGES



No. 161—Agricultural Forge, with shield; designed for light work; suitable for farmers and miners; lever operated blower; 8 inch fan; deep, strong hearth; support consists of four seamless tubular steel legs braced with angle iron frame; 18 inch hearth. Shipping weight, 80 lbs. Each.

One in a crate

\$21 40



No. 722—Agricultural Forge with 22 inch cast iron fire fan, mounted on four 3/4 inch steel pipe legs. Furnished with handy blower head with 12 inch fan. Also windshield. Weight each 145 lbs. Each.

One in a crate

\$41 20



No. 210—Rivet Forge, has a heavy round steel plate fire fan, 18 inches in diameter, with four 3/4 inch steel pipe legs securely braced. Heavy round layer plate to distribute the heat properly and silent blower head with 12 inch fan. Weight, each 145 lbs. Each.

One in a crate

\$57 90



No. 240H—Canadian Standard Blacksmiths' Forge, with hood; suitable for all general work, and will do the heaviest work in the shortest time; fitted with balanced ash gate which opens and closes with a mere touch; exceptionally good clearance; easy regulation of fire; supplied with Canadian No. 200 Silent Blower and Vulcan Trolley; crank operated blower; 12 inch fan; speed of fan, 2200 R P M., giving 2 1/2 inch blast pressure; 23x30 inch hearth. Shipping weight, 210 lbs. Each.

One in a crate

\$70 20



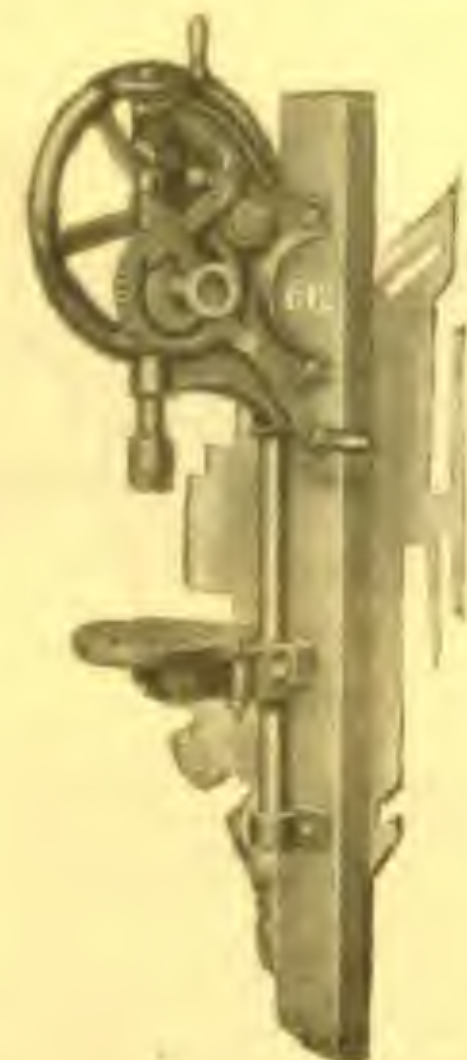
No. 99—Canadian Geared Hand Blower, with heavy duty vulcan trolley and pipe connections; operated by crank; fine steel helical fan pinion; easy to operate; noiseless; fan case and gear case screwed together; pear-shaped fan case allows crank to be turned either forward or backward; mounted on Tripod; 12 inch fan case. Shipping weight, 120 lbs. Each.

One in a crate

No. 100—Combination Forge, Anvil, Vise, and Drill, one of the handiest and most complete outfits for the farmer, contractor, miner, or mechanic. The frame is of angle steel well braced and has a 12x15 inch oval forge fan with 7 inch fanblower. The anvil is 3 1/2 by 12 inches supplied with a hardy, and the vise has 3 1/2 inch jaws which opens 11 inches. The pipe jaws will take pipe up to 2 inches, and the drill chuck takes 1/2 inch shank drills. Height 36 inches; length 31 inches. Shipping weight, 175 lbs. Each.

One in a crate

\$50 00



No. 612

## POST DRILLS

No. 612—Ball Bearing Post Drill. The shafts are extra heavy steel accurately machined and fitted. Has both hand and automatic feed, the latter adjustable to three speeds. The slotted round table can be raised, lowered or swung out of action as desired.

Bores to center of 12" circle.  
Drill holes up to 1" diameter.  
Run of feed 3"  
Run of table 9"  
Improved chuck for 1/2" drills.  
Length over all, 33"  
Shipping weight, 70 lbs.

Each \$21 80

One drill in a crate



No. 418

No. 418—Canadian Ball Bearing Post Drill, a very efficient drill; equipped with both automatic and lever feed, with instantaneous automatic return of drill spindle; a half turn of wheel changes feed from automatic to lever; automatic feed is adjustable to three speeds by turning adjustment screw; spindle has two speeds, change is made by shifting collar at bottom of rear shaft, directly behind drill chuck, upward or downward, while drill is running, until key engages slot; furnished with "Improved chuck"; equipped with 3 inch pulley, when ordered for power drive; will drill holes up to 1 1/2 inches in diameter to centre of 18 inch circle; run of feed, 4 1/2 inches; run of table 18 inches; chuck bored for 1/2 inch straight shank bits. Length over all, 62 inches. Shipping weight, each, 265 lbs.

Hand drive, Each \$76 90  
Power drive, Each \$87 20



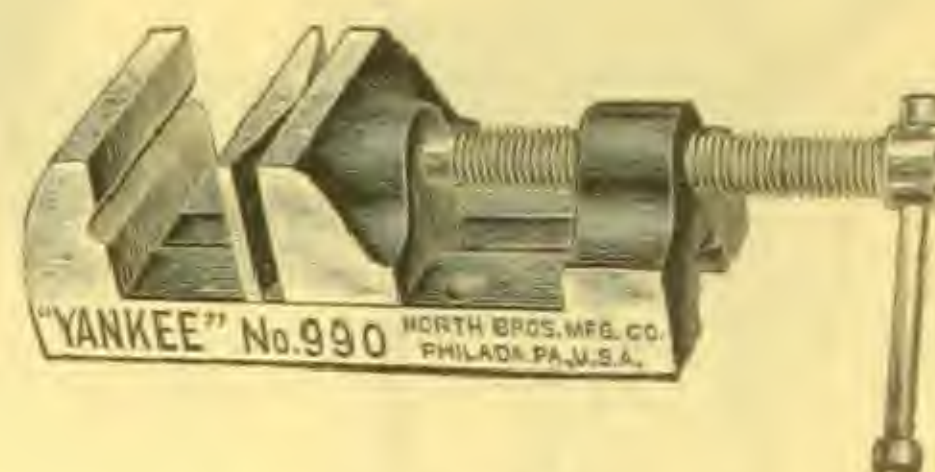
## Anvils, Drills and Vises



This Bench Drill is made in two sizes to meet all requirements for a small serviceable machine drill. The automatic and friction feeds give the operator free use of one hand to hold and adjust work. The friction feed brings drill to and from work quickly and the ratchet feeds automatically when drill enters work. At the top of feed, screw is a ratchet which feeds when lever is horizontal. On the inside is a friction feed which operates when lever is vertical. The automatic ratchet feed is positive, fixed and without adjustment, so that drills from No. 54 up will not be broken in use, as is often the case in feeding by hand. A bracket at top of frame, with right and left arms, disengages the ratchet feed at extreme up or down movements of spindle, so that parts cannot be jammed. The bracket and table are quickly removable for any very high work that can be supported on floor or otherwise.

No. 1005—Two speeds, geared to speed  $3\frac{1}{2}$  to 1 and even speeds. Three jaw chuck holding drills from No. 45 to  $\frac{1}{2}$  inch, inclusive. Drill works through 2 inches. Table is  $6\frac{3}{4}$  inches in diameter. Heights of drill above bench, 22 inches; below 6 inches. Frame finished in dead black, with polished working parts. Weight, net, 29 lbs. Gross, 57 lbs. Each \$50 20

No. 1003—One speed, geared to speed  $3\frac{1}{2}$  to 1. Three jaw chuck holding drills from No. 54 to  $\frac{1}{4}$  inches, inclusive. Drill works through  $1\frac{1}{2}$  inches. Table bracket has an adjustment of  $2\frac{3}{4}$  inches, the slide being  $5\frac{3}{4}$  inches. Table is  $4\frac{3}{4}$  inches in diameter. Height of drill above bench,  $14\frac{1}{2}$  inches, below  $4\frac{1}{2}$  inches. Frame finished in dead black, with polished working parts. Weight, Net,  $10\frac{3}{4}$  lbs. Gross, 20 lbs. Each \$30 10  
Packed one in wooden box.



No. 990

This Vise is designed for use on "Yankee" Bench Drills or separately attached to bench. The body and sliding jaw are of cast iron, accurately machined to hold work square, when used either flat or on sides.

With the "V" groove shown in the front jaw, round work is held perfectly rigid and parallel at all times. A removable swivel jaw is provided to hold taper work, and is made of steel, case hardened. The base of vise is 6 ins. long and  $2\frac{3}{4}$  ins. wide. Extreme height, 2 inches. Opening without swivel jaw, 3 inches; with swivel jaw,  $2\frac{1}{4}$  inches. Depth of jaws,  $1\frac{1}{4}$  inches. Weight, each, 4 lbs.

Each \$6 40

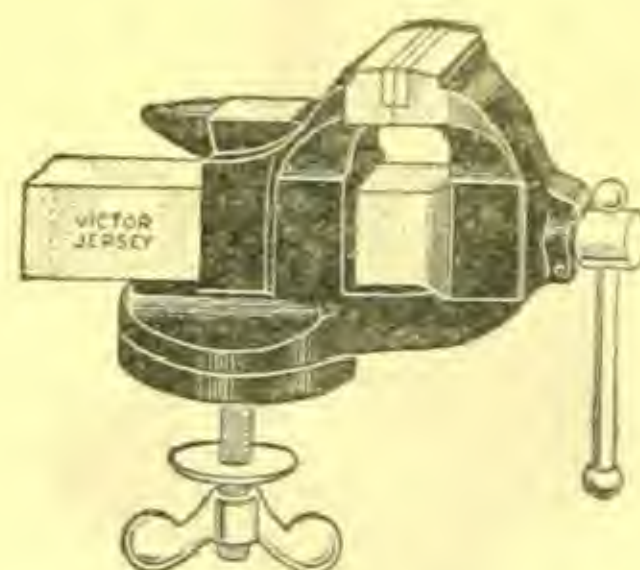


Nos. 741 to 745

The Victor Jersey Vise is a strong serviceable vise with one-piece screw turned from cold rolled steel, having a square lathe-cut thread; plain iron jaws, ground to a perfect fit; japanned finish.

CLAMP BASE			
Numbers	741	743	745
Width of jaws, inches	$1\frac{1}{2}$	2	$2\frac{1}{2}$
Weight each, lbs.	3	$3\frac{1}{2}$	5
Each	\$ 2.60	3.60	5.10

One in box.

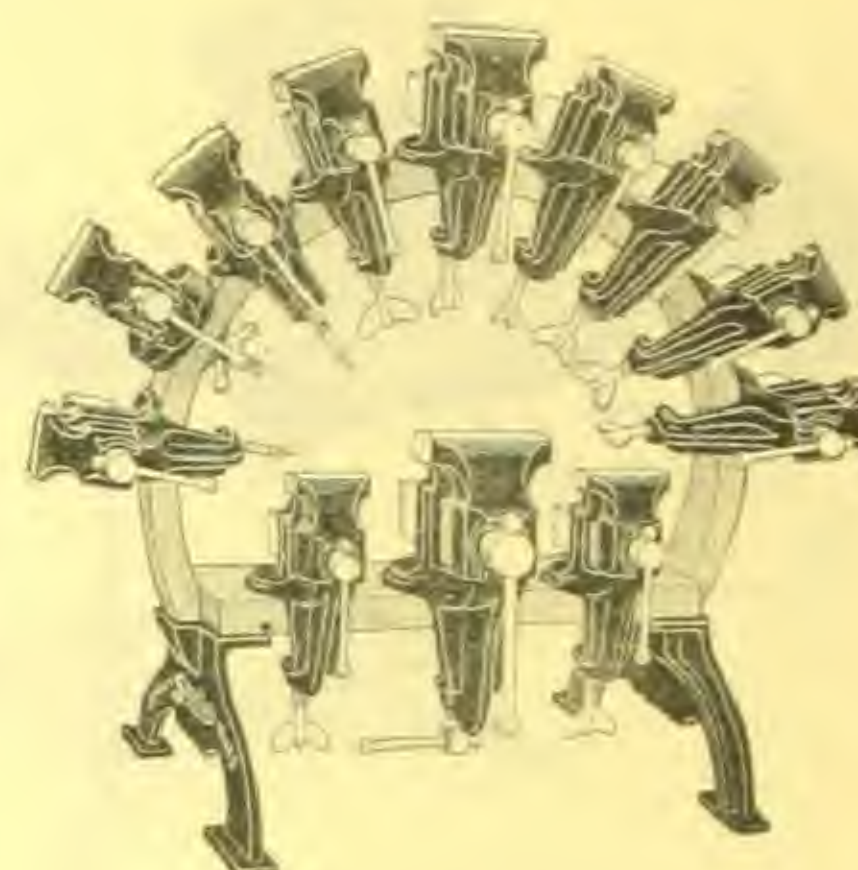


Nos. 773 to 776

Victor Jersey Vise; strong and serviceable; one-piece screw, turned from cold rolled steel, square lathe-cut thread; hardened tool steel jaws, ground to a perfect fit; japanned finish.

SWIVEL BASE			
Numbers	773	775	776
Width of jaws, inches	2	$2\frac{1}{2}$	3
Weight each, lbs.	$3\frac{1}{2}$	$5\frac{1}{2}$	$9\frac{1}{2}$
Each	\$ 4.50	6.70	9.00

One in box.



No. 12 Assortment

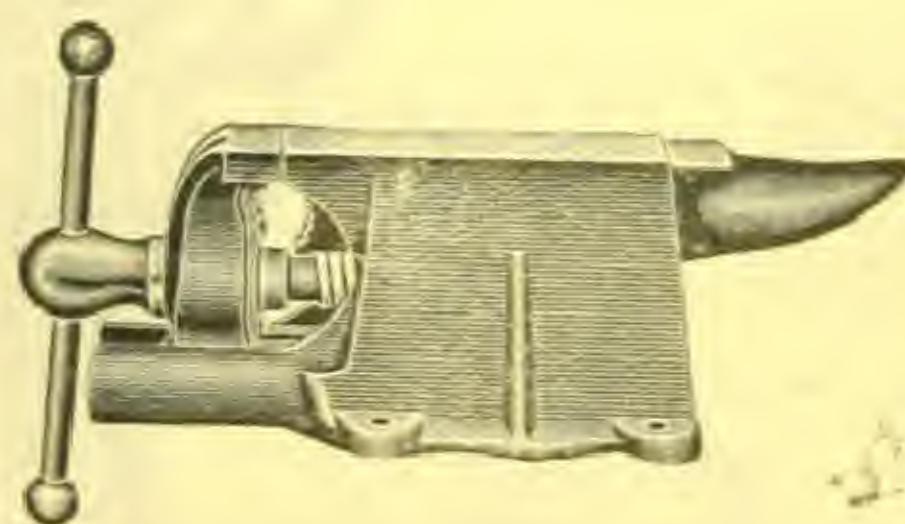
This assortment of Stanley Vises contains all the best selling sizes of that well-known and popular line, on a strong steady rack. Contents of assortment, viz: 2 No. 741, 2 No. 742, 3 No. 743, 1 No. 744, 1 No. 745, 1 No. 746, 1 No. 761, 1 No. 763, and 1 No. 772.

No. 12—Assortment complete with stand. Weight packed, 61 pounds. Each \$50.60



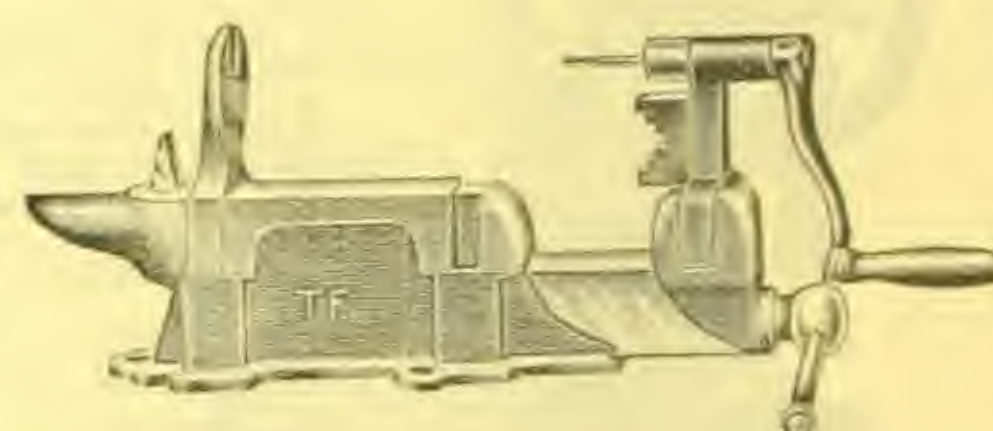
Blacksmith Clip Horn Anvil, made of one piece solid steel; and shaped and finished, for mechanics use. Per pound \$0 50

Open stock.



No. 2—Has 3 inch steel pipe vise jaws; anvil faced with chilled steel; screw and handle of wrought iron; length of face, 6 inches; polished face; painted body, especially good tool for small shops and farmers. Weight each, 27 lbs. Each \$7 50

Open stock



No. 20—A useful device, comprising the following tools; anvil, combination anvil and vise, drill press, saw clamp, pipe vise. A repair shop in itself; great saver of time and labor; all parts made from best materials, carefully tempered and fitted; various parts quickly interchangeable; no screws or bolts to become lost or rusty; polished face  $5\frac{1}{2}$  inches long; width of jaws, 3 inches; painted body. Weight complete, 60 lbs. Each \$15 00

One in case.



# Vises

## SOLID BOX VISE



## PIPE VISES



The Standard Self Locking Pipe Vise, a very strong and substantial vise; the jaws are milled from carefully tested hardened solid tool steel, tempered in oil.

Numbers.....	71	72
Holds pipe, inches.....	1 to 2	1 to 3
Weight each, lbs.....	11	14
Each.....	\$8.00	12.00

One in case.

No. 2—Vulcan Chain Pipe Vise, unbreakable; compact, rapid in action and positive in gripping pipe; may be fastened to bench or post; entirely of wrought steel with jaws of saw tempered for file sharpening; will hold pipe, bolts, bars, shafts, etc., from 1 to 4 inches in diameter. Size folded for packing, 6 x 8 x 8 inches. Weight each, 10 lbs.

Each.....\$16.50

One in box.

## SOLID BOX VISE

Peter Wright; solid box or tail vise; made from high grade wrought steel; steel screw with machine cut thread encased in solid sleeve. The jaws are laid with best Sheffield steel carefully milled and have chamfered sides, box and handle polished finish, body of vise foundry finish.

Width of jaws, inches.....	4	5	5
Approximate weight, each, lbs.....	50	65	80
Per pound.....	\$ .60	.60	.60

Sold by actual weight, above are only approximate weights of the different sizes.

## WOODWORKERS VISE

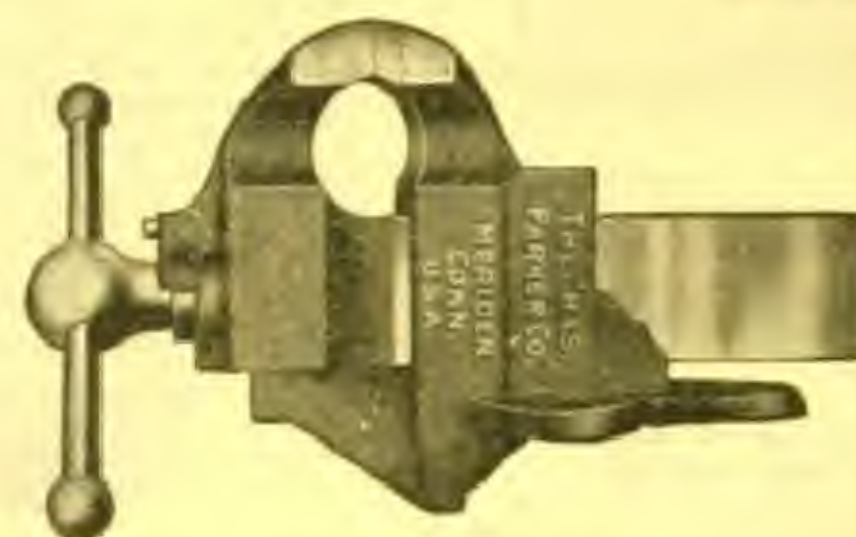


No. 99—Bull Dog Solid Jaw; parallel vise; with swivel base; has very high jaws and is adapted for coachmakers or woodworkers use. The jaws are 4 1/2 inches wide and open 9 inches, and are steel laid as illustrated. Weight each, 58 lbs.

Each.....\$50.00

Open stock.

## MACHINISTS VISES



### SOLID BASE

Parker; semi steel body; steel faced parallel jaws; cut thread screw and nut; tension spring in the lever; all parts are interchangeable; polished jaws and lever.

Number.....	P103	P104	P105	P106
Width jaws, ins.....	3 1/2	4	4 1/2	5
Jaws open, ins.....	5 1/2	6 1/2	7	8
Weight lbs.....	35	43	61	83

Each.....\$22.50 25.50 31.00 40.00

Open stock.



### SWIVEL BASE

Parker; semi steel body; steel faced parallel jaws; cut thread screw and nut; tension spring in the lever; interchangeable parts; positive locking base swivel.

Number.....	P204	P205
Width jaws, ins.....	4	4 1/2
Jaws open, ins.....	6 1/2	7
Weight, lbs.....	57	75

Each.....\$31.00 40.00



No. 604

### OVAL SLIDE

Oval Slide Vise with hardened steel laid jaws and cut thread steel screw. Well made and satisfactory for ordinary use.

Number.....	603	603 1/2	604	604 1/2
Width jaws inches.....	3	3 1/2	4	4 1/2
Jaws open, inches.....	4	5	6	6 1/2
Weight each, lbs.....	13	18	23	37
Each.....	\$7.00	9.00	12.00	16.00

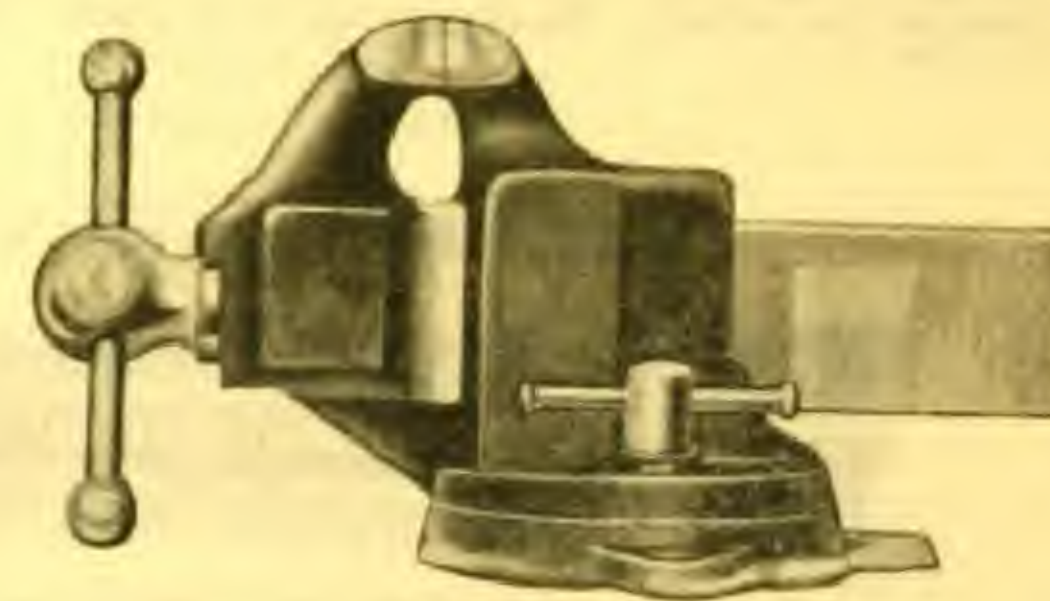


No. 104

### SOLID BASE

Steel Jaws, solid base Machinist Vise, with solid steel screw and square cut thread; well machined and finished.

Numbers.....	103 1/2	104	104 1/2
Width jaws, inches.....	3 1/2	4	4 1/2
Jaws open, inches.....	5	6	6 1/2
Weight each, lbs.....	27	42	53
Each.....	\$21.50	24.00	29.00



No. 204

### SWIVEL BASE

A heavy, strongly built Machinist's Vise with close fitting jaws of cast steel. The screw is square thread cut from solid steel bar. The swivel base has quick acting lock, making it convenient for shop use. Made from the best materials throughout and a highly efficient tool for general use.

Number.....	203 1/2	204	204 1/2
Width jaws, inches.....	3 1/2	4	4 1/2
Jaws open, inches.....	5	6	6 1/2
Weight each, lbs.....	37	52	65
Each.....	\$27.00	30.00	35.00



## Stocks and Dies

## REECE



## U. S. STANDARD THREAD

No. CC—Two Stocks, 14 and 26 inches long; one No. 10 adjustable tap wrench, 16 inches long; seven tool steel dies, collets and taper taps. Weight per set, 24 lbs.

Cuts, inches	1/4	3/8	1/2	5/8	3/4	7/8	1
Threads to inch	20	18	16	14	12	11	10
Diameter Collets, inches	1 1/4	1 1/2	1 3/4	1 7/8	2 1/4	2 3/4	2 7/8
Per set	\$38.50						

One set in hardwood box.

## BLACKSMITH



## BLACKSMITH

One of the oldest and most reliable thread cutting tools made. They are capable of more adjustment than most other tools used for this purpose.

No. 41.—Set cuts right hand threads 1/4 to 1 1/2 inch as follows: 1/4, 3/8 and 1/2 inch, 26 thread; 5/8, 3/4 and 7/8 inch, 20 thread; 1, 1 1/4 and 1 1/2 inch, 16 thread; contains 6 taps and 3 sets of dies. Length of stock 14 1/4 inches. Weight per set, 2 lbs.

Per set \$10.00

No. 37.—Set cuts right hand threads 3/8 to 1 inch as follows: 3/8, 1/2 and 5/8 inch, 22 thread; 3/4, 7/8 and 1 inch, 18 thread; 1, 1 1/4, 3/4 and 1 1/2 inch, 14 thread; contains 6 taps and 3 sets of dies. Length of stock 18 1/2 inches. Weight per set, 3 lbs.

Per set \$11.30

No. 37C.—Set cuts right hand threads 1/4 to 1 inch as follows: 1/4 and 3/8 inch, 16 thread; 5/8, 3/4, 7/8 and 1 inch, 12 threads; 1, 1 1/4, 3/4 and 1 1/2 inch, 11 thread. Set contains 6 taps and 3 sets of dies. Length of stock 18 1/2 inches. Weight per set, 3 lbs.

Per set \$11.30

No. 34.—Set cuts right hand threads 3/8 to 1 1/2 inch as follows: 3/4, 5/8, 1 and 7/8 inch, 16 thread; 1, 1 1/4, 3/4 and 1 1/2 inch, 12 thread; 1 1/2, 3/4, 1 and 1 1/4 inch, 10 thread. Contains 3 taps and 3 sets of dies. Length of stock 22 1/4 inches. Weight of set, 1 1/2 lbs.

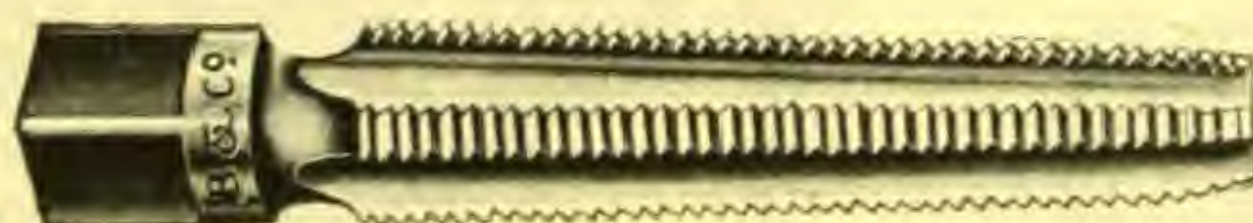
Per set \$11.30

No. 23.—Set cuts right hand thread 1/2 to 1 inch as follows: 1/2, 3/4 and 1 inch, 11 thread; 1 1/2, 3/4, 1 and 1 1/4 inch, 10 thread; 3/4, 1 and 1 inch, 9 thread; contains 3 taps and 3 sets of dies. Length of stock 26 1/4 inches. Weight per set, 7 1/2 lbs.

Per set \$13.30

One set in wood case.

## BLACKSMITH TAPER TAPS



## BLACKSMITH TAPER TAPS

No. 1069.—Right Hand Threads, for use with blacksmith sets listed above:

Size, inches	1/2	3/4	1	1 1/4	1 1/2	1 3/4
Threads, per inch	30	26	22	18	16	14
Weight, ozs.	1	1	1	1	1	1
Each	\$0.44	0.50	0.56	0.62	0.68	0.76

Size, inches	1/2	3/4	1	1 1/4	1 1/2	1
Threads, per inch	12	12	11	10	9	9
Weight, ozs.	2	3	4	5	6	8
Each	\$0.88	1.00	1.10	1.48	1.98	2.48

Open Stock.

## REECE



## U. S. STANDARD THREAD

No. EE—Two Stocks, 14 and 26 inches long; adjustable tap wrenches, No. 9 and No. 11, 10 and 20 inches long, respectively; 9 tool steel dies, collets and taper taps. Weight per set, 28 lbs.

Cuts, inches	1/4	3/8	1/2	5/8	3/4	7/8	1
Threads to inch	20	18	16	14	12	11	10
Diam. Col., inches	1 1/4	1 1/2	1 3/4	1 7/8	2 1/4	2 3/4	2 7/8
Per set	\$58.80						

One set in hardwood box.

## TAP WRENCH



No. 3800—A high class adjustable Tap and Reamer wrench, easily attached, strong firm grip, well finished.

Number	9	10	11
Length, inches	19	15	20
For hand taps	1/4 to 1 1/2	1/4 to 1 1/2	1/4 to 1 1/2
For pipe taps, inches	1/4 to 1	1/4 to 1	1/4 to 1 1/2
Weight each, lbs.	14	21 1/2	33 1/2
Each	\$5.60	6.40	8.00

One in wood case.

## MACHINISTS' TAPS



## TAPER



## PLUG



## BOTTOMING

No. 1000—Right hand threads, sizes up to 1 1/4 inch.

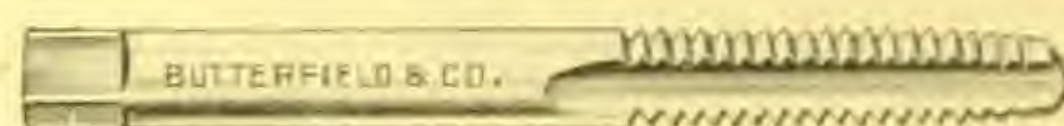
Diam, inches	1/4	3/8	1/2	5/8	3/4	7/8	1
Length, inches	2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2
Threads to inch	40	36	32	28	24	20	18
Each, any style	\$0.26	0.26	0.30	0.34			

No. 1003—Right hand threads, sizes 1/4 inch and over.

Diam, inches	1/4	3/8	1/2	5/8	3/4	7/8	1
Length, inches	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2
Threads to inch	20	18	16	14	12	11	10
Each, any style	\$0.48	0.52	0.58	0.64	0.74	0.84	

Diam, inches	3/4	1	1 1/4	1 1/2	1 3/4	2	2 1/4
Length, inches	4 1/4	4 1/4	4 1/4	4 1/4	4 1/4	4 1/4	4 1/4
Threads to inch	11	10	9	8	7	7	7
Each, any style	\$0.94	1.36	1.82	2.28	3.60	4.16	

## STOVE BOLT TAPS



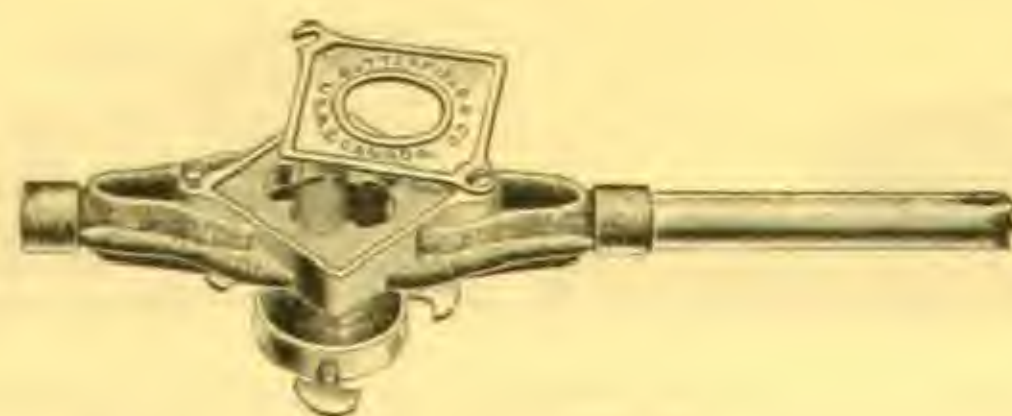
No. 1024—Right hand threads.

Diam, inches	3/4	1	1 1/4	1 1/2	1 3/4	2	2 1/4
Threads to inch	24	18	18	16			
Each	\$0.30	0.52	0.58	0.62			

All above open stock.



# Pipe Stocks and Dies



Malleable Iron Frame; Steel Handles; Solid Dies.

Numbers	0	1	1½	1¾	2
Cuts, inches	¾ to 1½	¾ to 1	¾ to 1½	1 to 1½	1½ to 2
Dimensions of Dies, inches	2 x 2 x ½	2½ x 2½ x ½	3 x 3 x ½	3 x 3 x ¾	4 x 4 x 1
Weight per set, lbs.	10	15	18	18	29

Per set \$10.80 14.00 12.70 12.70 19.30

One set in box.



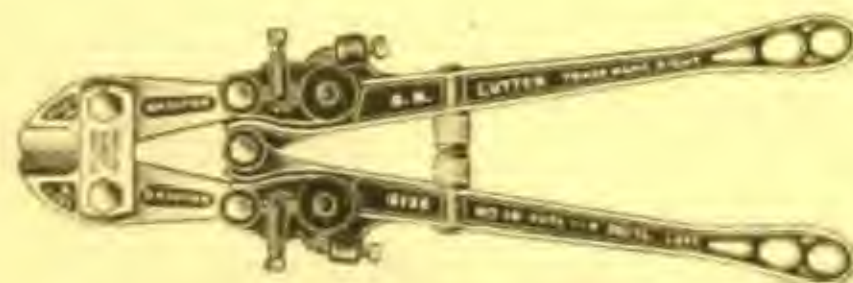
Armstrong—Adjustable Die Stocks. The taper at the entrance for the first few threads forms a lead for the die and permits a start on the pipe without filing off the burr. The dies are interchangeable in the stock and although adjustable need adjusting only when variations in the fittings make it necessary.

Number	1	2	2½
Cuts pipe, inches	¾ to 1½	¾ to 1	½ to 1½
Weight per set, lbs.	6½	19	19½

Per set \$12.00 16.00 18.60

One set in case.

## WIRE CUTTER



"O.K."

The "O.K." Wire Cutter for a clean cut on all kinds of wire, from the softest copper to the hardest tempered. The jaws are forged from the highest grade crucible tool steel, can be adjusted to meet closely by the side set screws. All parts are interchangeable and easily obtained when required.

Length, inches	10	14
Cutting capacity, inches	¾	1
Weight each, lbs.	1½	2¼

Each \$1.80 5.50

Open Stock

## OSTER BULL DOG



Has Adjustable Quick-Opening Dies; unnecessary to turn back over finished threads; dies quickly thrown open and stock lifted off without use of wrenches or extra tool; saves time and wear on dies; dies cut easier than ordinary kind owing to clearance given; sharpened as readily as chisel; when set, dies held absolutely rigid without use of small thumbscrews often easily broken; has two handles and reversible dies cutting right hand threads.

No. 102—Includes three sets of dies for threading ¾, 1, 1½, 2 and 2½ inch pipe. Weight each, 20 lbs. Per set \$30.60

No. 103—Includes two sets of dies for threading 1, 1½, 2 and 2½ inch pipe. Weight, 28 lbs. Per set \$39.60

No. 104—Includes four sets of dies for threading ¾, 1, 1½, 2, 2½ and 3 inch pipe. Weight, 34 lbs. Per set \$50.40

One set in wood box.

## PIPE CUTTERS



Barnes' Improved; Three wheels; strongly constructed; well proportioned; all parts interchangeable.

Numbers	1B	2B	3B	4B
Cuts pipe, inches	¾ to 1	½ to 2	1½ to 2	2½ to 4
Weight each, lbs.	3	4½	8	12½

Each \$6.00 8.00 13.30 26.50

## PIPE TAPS AND REAMERS



### PIPE TAPS

Size, inches	¾	1	1½	2	2½	3	4	5	6	8	10
Threads to inches	20	18	18	14	14	11½	11½	11½	11½	11½	11½
Weight each, lbs.	1	1	1	1	1	1	1	1	1	1	1
Mfr's List, Each	1.00	1.20	1.60	2.00	2.80	4.40	5.00	6.60	10.00		

One in box.

### PIPE REAMERS—Threaded ¾ inch per foot.

Size, inches	¾	1	1½	2	2½	3	4	5	6	8	10
Diameter ¼ inches from point, ins.	¾	1	1½	2	2½	3	4	5	6	8	10
Each	\$1.20	1.60	2.00	2.80	4.40	5.00	6.60	10.00			

One in box.

## BOLT CUTTER



"NEW EASY"

The "New Easy" Bolt Clipper is the latest and most dependable tool of its kind produced. The jaws are of the best grade crucible tool steel, are adjustable, and can be renewed when desired.

Number	0	1	2	3	4
Length, inches	18	24	30	36	42
Cutting capacity, inches	¾	1	1½	2	2½
Weight each, lbs.	3	5½	8¾	12½	18

Each \$7.30 9.70 13.60 17.40 23.30

Open Stock.



## Wrenches

## AGRICULTURAL



Extra Heavy Wrought Iron Bar and Head, drop forged in one piece; easy acting screw; deep milled screw thread permits jaws to open fully; seasoned hardwood handle.

Length, inches.....	6	8	10	12	15
Jaws open, inches.....	7 1/2	1 1/2	1 1/2	1 1/2	2 1/2
Weight per dozen, lbs.....	10	17	25	32	45

Per dozen.....\$10.00 12.00 14.00 18.00 24.00

6 to 12 inch sizes one-half dozen in package.

15 inch size one-third dozen in package.

## KNIFE HANDLE



Machinists'; head and bar drop forged in one piece of selected steel; extra heavy case hardened jaws; easy acting screw; seasoned hardwood knife handle.

Length, ins.....	6	8	10	12	15	18
Jaws open, ins.....	1	1 1/2	1 1/2	2 1/2	2 1/2	3
Weight per doz., lbs.....	10	14	31	38	59	90

Per dozen...\$16.50 19.80 24.20 30.80 41.80 52.80

6 to 12 inch sizes one-half dozen in package.

15 inch size one-third dozen in package.

## GENUINE COES'



Knife Handle; handle has cast semi-steel frame; hardwood sides secured at both ends by inserting under metal; riveted under pressure; strongest handle made; one piece hardened steel screw; special fully hardened steel bar; hardened cast semi-steel jaw; all parts interchangeable; in black finish.

Length, ins.....	6	8	10	12	15	18
Jaws open, ins.....	1	1 1/2	1 1/2	2 1/2	2 1/2	3 1/2
Weight per doz., lbs.....	10	18	27	40	60	90

Per dozen...\$18.00 21.60 26.40 33.60 45.60 57.60

6 to 12 inch sizes six in package.

15 to 18 inch sizes four in package.

## CARLL



Carll Wrench; polished head; natural finished handle; drop forged from high grade steel, hardened and tempered; the sliding jaw is reversible and the wrench can be used either on nuts or pipe.

Number.....	60	80	100
Length, inches.....	6	8	10
Weight per dozen, lbs.....	10	17	24

Per dozen.....\$20.00 24.00 30.00

Half dozen in box

## WESTCOTT "NUT"



For general purposes; may be used in places inaccessible to ordinary wrench; handle of malleable iron, and jaws of forged tool steel.

Number.....	76	78	80	82
Length, inches.....	6	8	10	12
Capacity, inches.....	1	1 1/2	1 1/2	3 1/2
Weight per dozen, lbs.....	7	15	28	45

Per dozen...\$16.00 20.00 24.00 36.00

Half dozen in box.

## ADJUSTABLE "S"



A serviceable and handy wrench of the Westcott pattern; handle of malleable iron with movable jaw of drop forged steel. The screw nut is solid steel and case hardened.

Length, inches.....	6	8	10	12
Capacity, inches.....	1	1 1/2	1 1/2	1 1/2
Weight per dozen, lbs.....	7	14	26	30

Per dozen...\$15.60 19.50 23.40 35.10

One-half dozen in a box.

## CRESCENT



Drop forged from best carbon tool steel; easily adjusted by thumb of hand holding wrench; small spring washer acts with slight friction on thumb screw to retain automatic adjustment of wrench when thrown on bench or floor; movable jaw has large bearing surface in handle; when in use tends to lock itself on handle, relieving strain on thumb screw; made from special alloy steel showing four times strength of ordinary steel; entire wrench carbonized, hardened, and oil tempered; all parts polished except web in handle, which is black oil finish.

Length, inches.....	4	6	8	10
Weight each, ozs.....	4	5	10	18
Capacity, inches.....	1	1 1/2	1 1/2	1 1/2

Per dozen...\$13.30 13.30 16.30 20.40

One in carton.

## WESTCOTT "PIPE"



The adjustable jaw of this wrench is for use on pipe or round iron, etc., otherwise the same as above pattern.

Number.....	72P	78P	80P	82P
Length, inches.....	6	8	10	12
Capacity, inches.....	0	0	0	0
Weight per dozen, lbs.....	0	0	0	0

Per dozen...\$17.60 22.00 26.10 39.60

One-half dozen in a box.

## BICYCLE



No. A1—Adjustable; with drop forged handle and malleable jaws; case hardened; highly polished; fully nickel-plated; length 5 inches; opens 1 1/2 inches. Weight each, 4 1/2 ozs. Per dozen.....\$7.80

No. A2—Black finish; otherwise as No. A1. Per dozen.....\$5.30

One-half dozen in a box.

## VICTOR



One of the handiest and most useful pocket wrenches for automobile and mechanics' use. It has an adjustable alligator jaw to hold either round or square articles, is made from the best drop forged steel, nickel finish, and highly polished. The moveable jaw is interchangeable and can be replaced when worn. Length, 7 inches.

Weight per dozen, 8 lbs.

Per dozen.....\$36.00

One-half dozen in a box.

## DOUBLE END "S"



Semi Finished; drop forged from high grade tool steel and especially hardened; openings milled; heads polished; S shape and heads set at angle of 22 1/2 degrees; a very serviceable tool wherever a long light wrench is required.

Numbers.....	500	501	502	503	504
Length, ins.....	6 1/2	7 1/2	8 1/2	9 1/2	10 1/2
Milled openings, ins.....	1 to 1 1/2	1 to 1 1/2	1 to 1 1/2	1 to 1 1/2	1 to 1 1/2
Thickness of heads, ins.....	3/8	3/8	3/8	3/8	3/8
Weight per doz., lbs.....	2 1/2	3 1/2	5 1/2	8	12 1/2

Per dozen...\$5.00 6.00 8.40 10.80 13.50

## CONSTRUCTION



Drop Forged Steel Wrench; for construction purposes. Has offset head and straight opening. Handle is tapered for bringing bolt holes in alignment. Black finish. Length over all 14 1/2 inches. Size of opening 1 inch. Weight per dozen, lbs.

No. 907. Per dozen.....\$22.80

Open stock.



## Pipe Wrenches

## STILLSON



Wood handle; polished steel finish; double springs; hardwood handle

Length, inches.....	6	8	10	14
For Pipe.....	$\frac{1}{8}$ to $\frac{1}{2}$	$\frac{1}{4}$ to $\frac{3}{4}$	$\frac{1}{2}$ to 1	$\frac{3}{4}$ to $1\frac{1}{2}$
Weight, each, lbs.....	$\frac{3}{8}$	$\frac{3}{4}$	2	3
Wrench Each, manufacturers list.....	\$2.00	\$2.25	\$2.50	\$3.50
Jaw Each, manufacturers list.....	.75	.80	.85	1.15
Frame, Each, manufacturers' list.....	.42	.42	.50	.60
Nut Each, manufacturers list.....	.12	.15	.20	.30



Steel Handle; Polished Steel finish; double springs

Length, inches.....	18	24	36	48
For Pipe.....	$\frac{1}{2}$ to 2	$\frac{3}{4}$ to $2\frac{1}{2}$	$\frac{1}{2}$ to $3\frac{1}{2}$	$\frac{3}{4}$ to 5
Weight Each, lbs.....	$4\frac{1}{2}$	8	18	30
Wrench Each, man'rs list.....	\$5.00	\$7.25	\$13.50	20.00
Jaw Each, man'rs list.....	1.75	2.25	4.35	7.50
Frame Each, man'rs list.....	.75	.95	1.70	2.20
Nut Each, man'rs list.....	.35	.55	1.10	

Packed, small sizes  $\frac{1}{2}$  doz in box, large sizes open stock

## VULCAN



An efficient and serviceable tool; made entirely of drop forged wrought steel; fitted with double end reversible jaws, greatly increasing life of wrench; jaws fastened to handle by two extra tough studs; chain of flat link type capable of withstanding heavy strain

Numbers.....	31	32	33	33½	34
Size pipe, inches.....	$\frac{1}{8}$ to $1\frac{1}{2}$	$\frac{1}{4}$ to $2\frac{1}{2}$	$\frac{3}{4}$ to 4	1 to 6	$1\frac{1}{2}$ to 8
Extreme length, inches.....	20	27	37	41½	50½
Length of chain, inches.....	13½	17½	22½	32	40½
Weight, each, lbs.....	5¾	10	16	24	31
Each Man'rs list.....	\$ 6.00	8.50	11.90	15.30	18.70

Open stock

## TRIMO



Drop forged from special grade bar steel; grips pipe firmly; will not lock, slip or crush pipe; readily released; insert jaw may be replaced at small expense; has nut guards which prevent accidental rotation of adjusting nut while in use. Parts interchangeable

Length, inches.....	6	8	10	14	18	24
For Pipe.....	$\frac{1}{8}$ to $\frac{1}{2}$	$\frac{1}{4}$ to $\frac{3}{4}$	$\frac{1}{2}$ to 1	$\frac{3}{4}$ to $1\frac{1}{2}$	$\frac{1}{2}$ to 2	$\frac{3}{4}$ to $2\frac{1}{2}$
Weight, each, lbs.....	$\frac{3}{8}$	$\frac{3}{4}$	2	3	$4\frac{1}{2}$	8
Wrench, each, man'rs list.....	\$2.00	\$2.25	\$2.50	\$3.50	\$5.00	\$7.25
Jaw, " " ".....	.75	.80	.85	1.15	1.75	2.25
Frame, " " ".....	.42	.42	.50	.60	.75	.95
Nut, " " ".....	.12	.15	.20	.30	.35	.55
Insert Jaw " " ".....	.35	.40	.50	.60	.70	.80

Packed, small sizes  $\frac{1}{2}$  doz in box, large sizes, open stock

## BULL DOG

## No. 0

Pocket size, 4 inches long. Holds pipe  $\frac{1}{8}$  and  $\frac{1}{4}$  inch. Holds round iron  $\frac{1}{4}$  to  $\frac{7}{16}$  inch, nickel finish. Weight, per dozen 1½ lbs. Per dozen \$2.50

One dozen in a box

## No. 1

Nickel finish, 5½ inches long. Holds pipe  $\frac{1}{4}$  to  $\frac{3}{4}$  inches. Holds round iron  $\frac{1}{4}$  to  $\frac{3}{4}$  inch. Weight per dozen, 2 lbs. Per dozen \$3.40

One dozen in a box

## TWIN

Drop Forged high Carbon Steel, black finish. Reinforced jaws, length over all 10 inches. Holds pipe  $\frac{1}{8}$  to  $\frac{3}{4}$  inches. Holds round iron  $\frac{1}{4}$  to 1 inch. Weight per dozen 16 lbs. Per dozen \$15.00

One-half dozen in a box

## ALWAYS READY



Drop forged special high carbon steel, tempered in oil; polished reinforced jaws

Numbers.....	1	2	2½
Length, inches.....	5	7	9½
Holds iron, inches.....	$\frac{1}{4}$ to $\frac{3}{4}$	$\frac{1}{4}$ to $1\frac{1}{4}$	$\frac{1}{4}$ to $1\frac{3}{4}$
Weight, per doz. lbs.....	5¼	10¼	26¼
Black finish, Per doz.....	\$ 7.80	10.00	17.00
Nickel-plated, Per doz \$	8.50	11.50	17.90

Half dozen in box

## HAWKEYE



Five Handy Tools in One; most convenient tool, especially for farmers; consists of nut wrench, pipe wrench, and three dies, which will not only rethread, but will cut new threads, drop forged from finest tool steel, and scientifically tempered; length, 8½ inches. Weight per dozen, 17½ ounces. Per dozen \$12.50

Half dozen in box

## BULL DOG



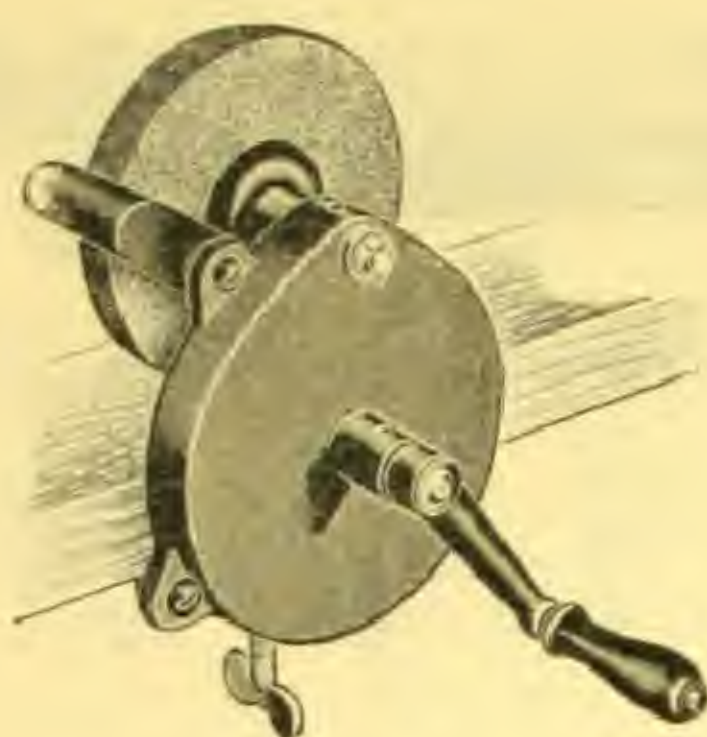
Drop forged high carbon steel, black finish. Reinforced jaws

No. 2—Length, 9 inches, holds pipe $\frac{3}{8}$ to $\frac{3}{4}$ inch. Holds round iron $\frac{1}{2}$ to 1 inch, weight per dozen 12 lbs. Per dozen \$10.00
No. 3—Length 16 inches, holds pipe $\frac{1}{2}$ to $1\frac{1}{4}$ inch, holds round iron $\frac{3}{4}$ to $1\frac{3}{4}$ inch, weight per dozen 17 lbs. Per dozen \$20.00

One half dozen in a box



## Tool Grinders

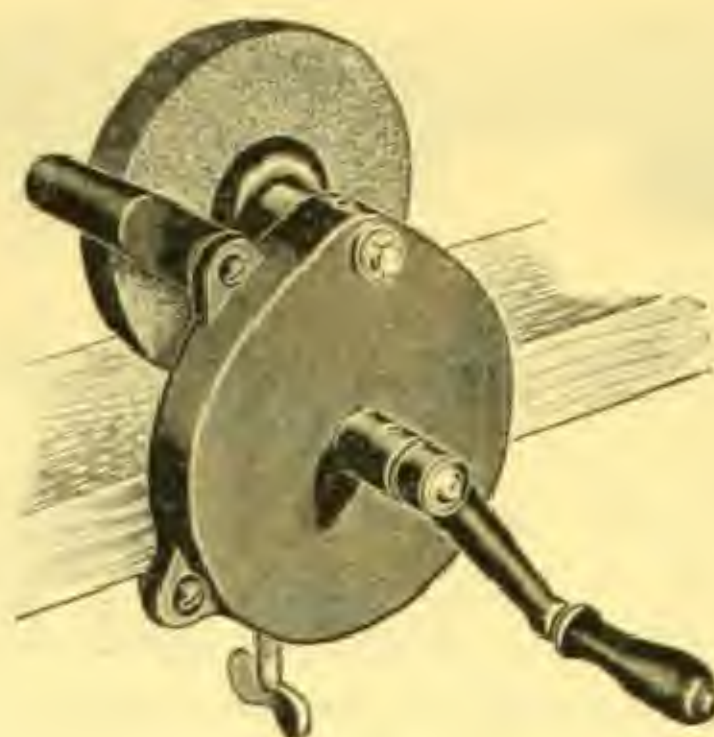


No. A

A handy little machine for household, tool kit or for small shop work. Fitted with a tool rest and a Carborundum wheel, 4 inches in diameter, 1-inch thick,  $\frac{3}{8}$ -inch hole, medium grit. Weight, packed, each 5½ lbs.

Each

\$6.80

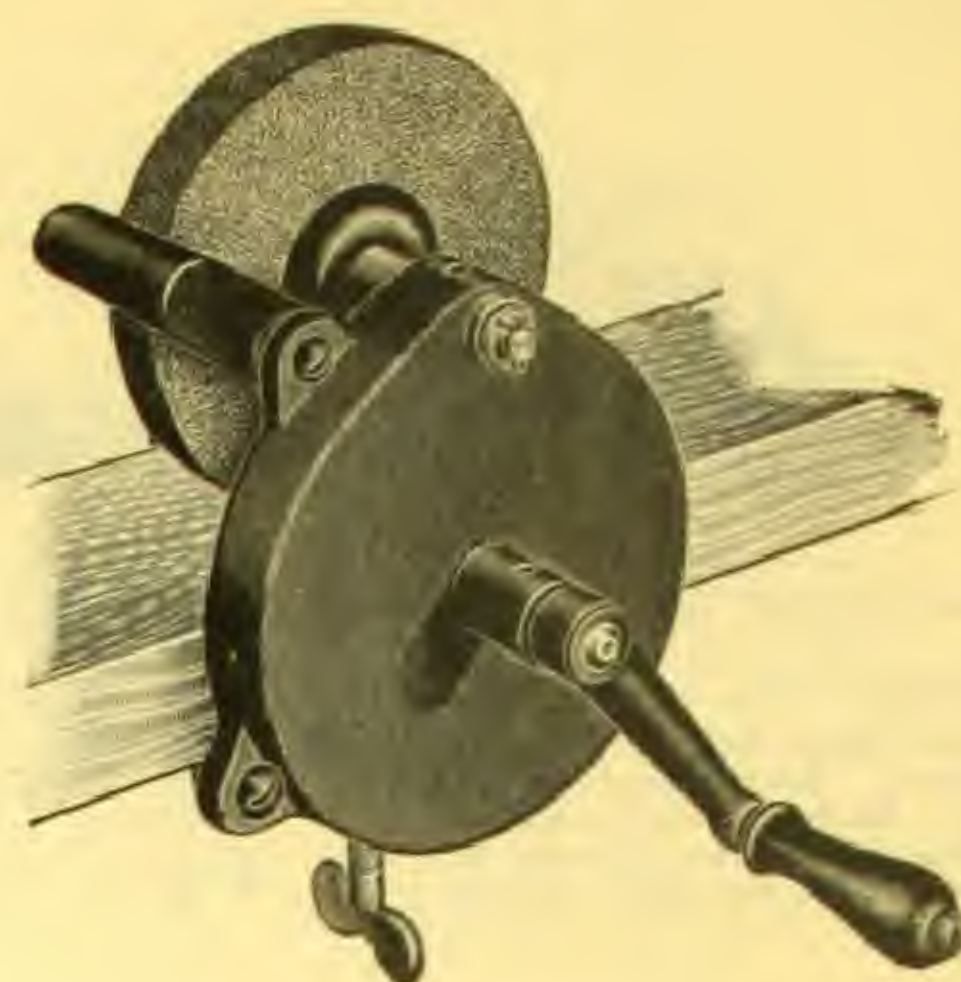


No. B

This machine is slightly larger than the "A" machine, is fitted with a tool rest and a Carborundum wheel 5 inches in diameter, 1-inch thick,  $\frac{3}{8}$ -inch hole, medium grit. Weight, packed, each 7 lbs.

Each

\$9.40

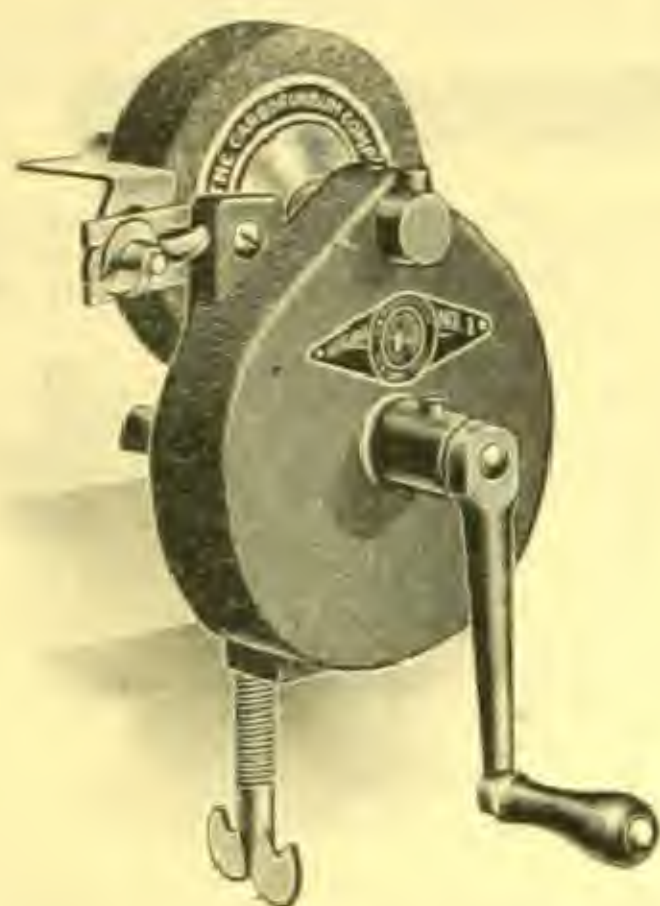


No. C

This machine is larger and heavier than the other two and, therefore, can be used for heavier work in shop, garage, repair station, etc. It is equipped with a tool rest and Carborundum wheel, 6 inches in diameter, 1 inch thick,  $\frac{3}{8}$ -inch hole, medium grit. Weight, packed, each 9½ lbs.

Each

\$11.90

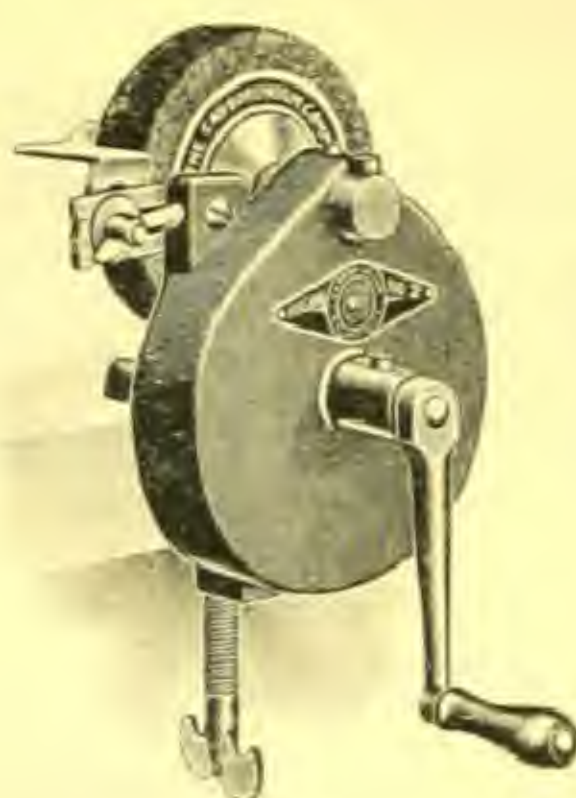


No. 1

Carborundum Niagara Grinder No. 1 is fitted with an adjustable tool grinding guide and a Carborundum wheel, size 4 inches in diameter, 1-inch thick,  $\frac{3}{8}$ -inch hole, medium grit. Weight, packed, each 10 lbs.

Each

\$9.80

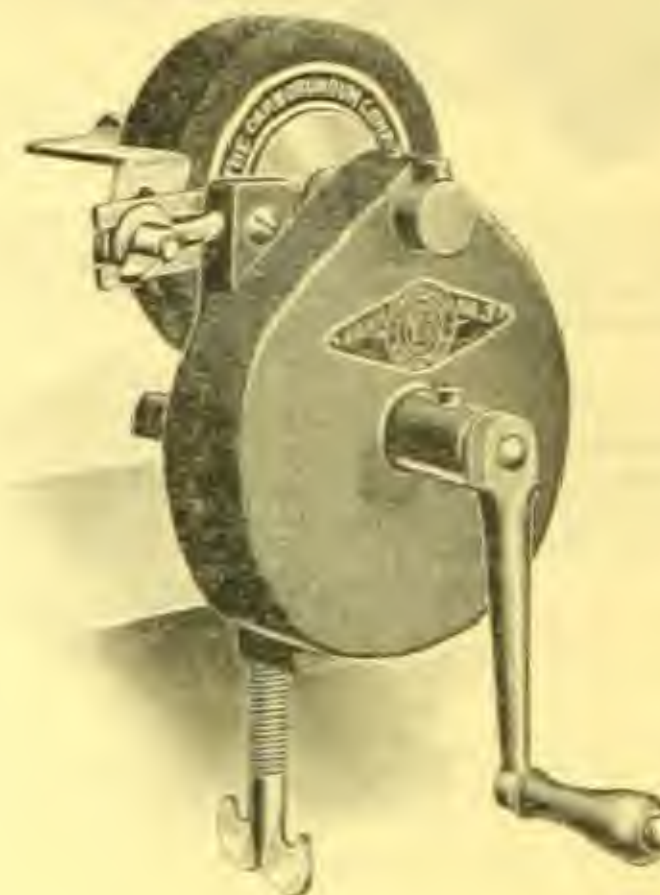


No. 2

Carborundum Niagara Grinder No. 2 is fitted with an adjustable tool grinding guide and a Carborundum wheel 5 inches in diameter, 1-inch thick,  $\frac{3}{8}$ -inch hole, medium grit. Weight, packed, each, 11½ lbs.

Each

\$12.80



No. 3

Carborundum Niagara Grinder No. 3 is fitted with an adjustable tool grinding guide, and a medium grit Carborundum wheel, 6 inches in diameter, 1-inch thick,  $\frac{3}{8}$ -inch hole. Weight, packed, each 14½ lbs.

Each

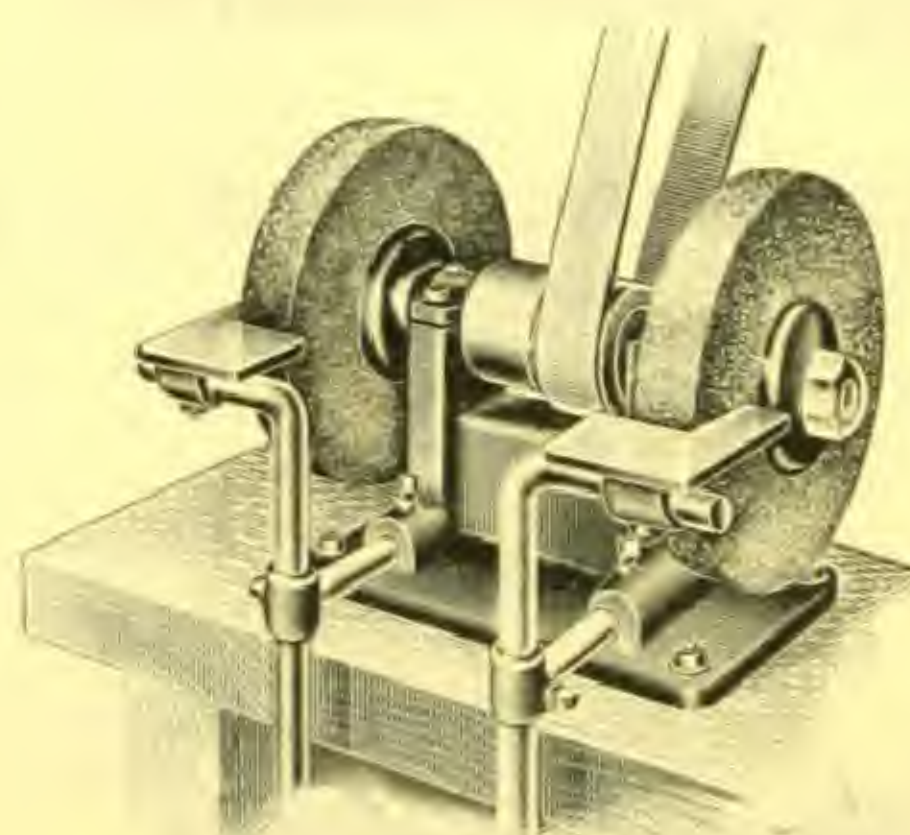
\$16.20



Nos. 20-21

The foot power attachment can be fitted to either No. 3 or No. 4 Niagara grinder. The attachment is simple and powerful. It is made of malleable iron and is strong and durable. It is readily adjusted to several heights. The illustration shows attachment fitted to No. 4 grinder.

No. 20—For No. 3 Grinder. Each \$5.10  
No. 21—For No. 4 Grinder. Each \$5.10



No. 28

Above is shown a splendid grinder head for the small shop where power is available. It is sturdy and every part is accurately machined and assembled. The main casting is of the best grade of gray iron. The bearings are lined with genuine babbit, and are adjustable so as to take up any possible wear. The shaft is made of the best quality of crucible steel. Each grinder head is furnished with a fine and a coarse Carborundum wheel for general grinding purposes. The wheels are 7 inches in diameter. Weight, packed, each 36 lbs. Each

\$10.80



No. G

Modern Sickle Grinder: high speed accurately machined gears; clamps to mower wheel for convenience and has sickle holding attachment; two wheels are supplied with each machine, one a bevelled wheel for sickles  $3\frac{1}{2} \times 3\frac{1}{2}$  inch, the other a tool grinding wheel  $4\frac{1}{4} \times 1\frac{1}{2}$  inch; smooth running; fast, cool cutting, and durable; weight each 16 lbs.

No. G. Each

\$16.00

One in a box.



## Grindstones and Fixtures

### LOOSE GRINDSTONE



Medium Grit Grindstones; of even quality, suitable for farm or factory use; assorted sizes.

- Group A—Comprises stones 10 to 100 lbs in weight; 2 to 3 inches thick and 18 to 23 inches diameter. Per 100 lbs. \$7.50  
 Group B—Stones 20 to 39 lbs in weight; 2 and 2½ inches thick and 13 to 16 inches in diameter. Per 100 lbs. \$8.50  
 Group C—Stones 2 to 8 inches thick and 21 to 36 inches in diameter. Per 100 lbs. \$8.50  
 Group D—All stones with face measurement less than those listed above. Per 100 lbs. \$9.50

### Mounted Grindstones



Red Saddle: Tubular Steel; Ball Bearing; excellent for heavy tools, axes, scythes, etc.; tubular steel frame of great rigidity, yet flexible to permit self adjustment to uneven floors; steel seat adjustable vertically; stone movable horizontally in frame; best quality grit stone; 20 to 22 inches in diameter by 2 inch face; finished in red enamel. Shipping weight, 110 lbs. Each \$16.00

One in a crate.



No. 2C—Fine Grit Emery Stone; 3 inches in diameter and ¾ inch thick. Gears are enclosed in dust proof case. Easily oiled and kept in running order. Best for knife and scissor grinding supplied with each machine. Japanned finish; weight each, 2½ lbs. Each \$4.80

One in package.

### CARBORUNDUM WHEELS

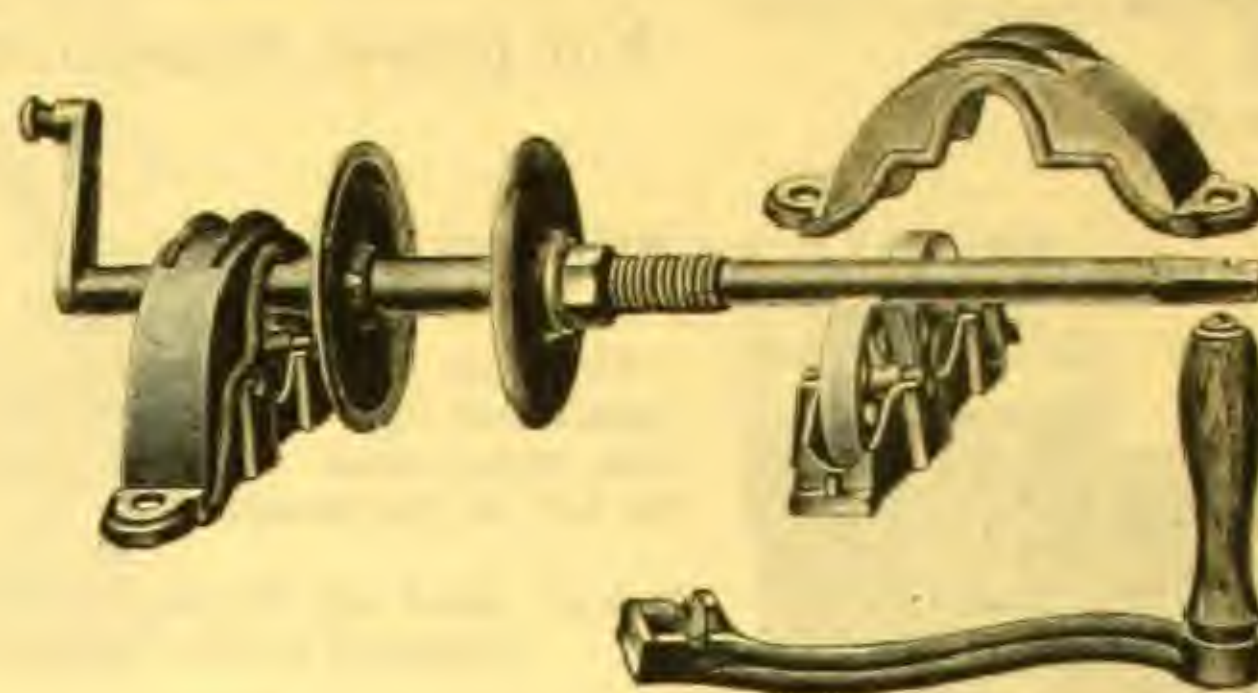


Best quality of Carborundum Grit used in these wheels; medium grade; suitable for tools and general shop use.

Diameter inches	Thickness inches	Arbor inches	Weight lbs.	Mfrs list each
3	1½	¾	1½	\$1.25
4	1	¾	2½	2.35
5	1	¾	3½	3.20
6	1	¾	4½	4.10

These sizes are suitable for the carborundum grinders shown herein; other sizes and grades can be supplied promptly.

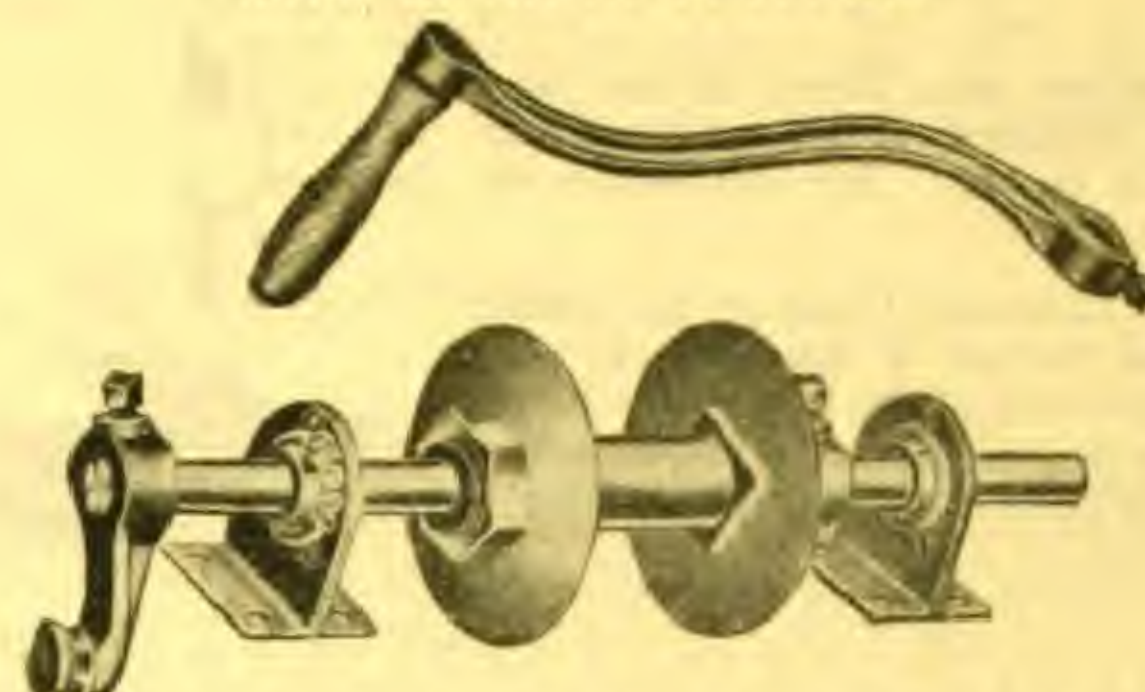
### ROLLER BEARING FIXTURE



No. 1—Cast Iron; double bearing wheels on each end of shaft with cover; length of shaft 15 inches; for hand or foot drive; weight per dozen sets 75 lbs. Per dozen sets \$17.50

Half dozen sets in box.

### BALL BEARING FIXTURES



No. 1—Ball Bearing; ball bearing journals adjustable on axle; as is also sleeve for stone; steel axle 12 inches long will support stone 18 to 20 inches in diameter by 2 to 3 inches thick; japanned finish; Shipping weight per dozen sets, 185 lbs. Per dozen sets \$28.00

Dozen sets in box.

### HOUSEHOLD GRINDERS



No. 320—Kitchen Ball Bearing; handy, light and portable; best grey iron frame and trough mounted on steel base; ball bearing axle journals; detachable hand crank; trough finished in red enamel; base in black enamel; Berea grit stone; best quality finish; accurately centered; diameter, 10 inches. Weight, complete, 17 lbs. Each \$3.70

Open Stock.

### EMERY WHEEL DRESSERS



Huntington—For re-facing and truing emery wheels while in motion; japanned handle 12 inches long; tempered tool steel cutters 1½ inches in diameter. Two sets of cutters supplied with each dresser; weight per dozen 22 lbs.

Dressers, per dozen \$18.00

Extra cutters per dozen sets \$2.40

Open Stock.





Crescent Plates

## Crescent Belt Fasteners

Used on every kind and make of belt of every length, width and thickness.  
For power transmission, elevating and conveyor work.



Crescent Rivets

### TO MAKE A CRESCENT JOINT



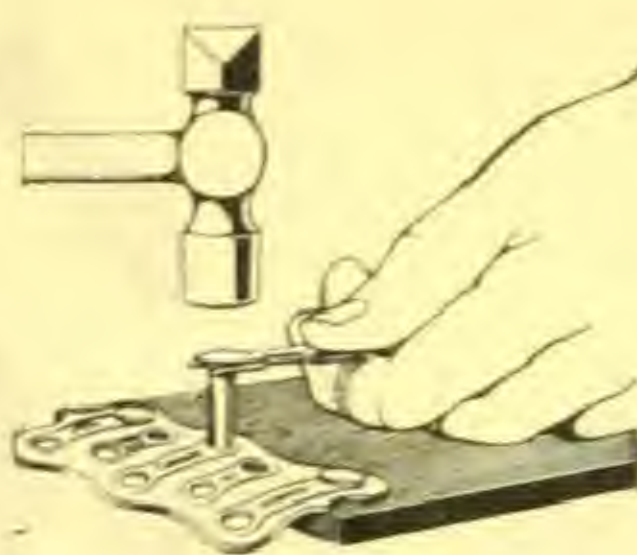
First cut belt ends square. Use a square and hold the knife firmly. The ends must come together evenly for the belt to run straight.

Select sizes of Plates and Rivets adapted to the work.

In deciding size Plate to use always be governed by the diameter of smaller pulley; The smaller the pulley the shorter the grip of Plate you should use.

To determine size Rivet to use add  $\frac{1}{16}$  inch to thickness of belt for Small and Large Shank Rivets; For Jumbo Rivets add  $\frac{1}{8}$  inch.

Place the Crescent Plate so its center points are on the end of the belt. If possible, back the end of the belt with a block of wood to pound against. Attach the Plate to the belt using Crescent Rivets only and—



Always drive Crescent Rivets so the Prongs will Spread across the Belt—Not Lengthways

When driven this way the Rivets merely separate the lengthwise fibres of the belt and do not weaken it.

When the Plates are attached to one end of the belt, bring up the other end and butt the two evenly together. Hold in position and start the two outside Rivets so they are slanted away from the joint. This draws the joint firmly together. Drive remaining Rivets in the ordinary manner.



SHOWING FINISHED JOINT  
SERVICE CHART

### HIGH SPEED LIGHT WORK—PULLEYS 2" DIAMETER OR LARGER

Crescent High Speed Plates—Attach with Crescent Small Shank Rivets

Size No.	Covers Width	Put up in Packages of	Weight per gross	Price per gross
20	$\frac{3}{4}$ and 1 inch	1 gross	1 $\frac{1}{4}$ lbs.	\$ 5.80
40	1 inch	1 gross	1 $\frac{1}{2}$ lbs.	\$11.50
44	1 $\frac{1}{4}$ inch	$\frac{1}{2}$ gross	2 $\frac{1}{4}$ lbs.	\$11.50
60	2 inches	$\frac{1}{2}$ gross	3 $\frac{1}{2}$ lbs.	\$17.30
66	1 $\frac{1}{2}$ inches	$\frac{1}{4}$ gross	4 lbs.	\$17.30

No. 66 for use over  $4\frac{1}{2}$  inch diameter and larger pulleys.

### ATTACH CRESCENT HIGH SPEED PLATES WITH CRESCENT SMALL SHANK RIVETS

Belt Thickness	Use Size Number	Weight per Gross	Price per gross
2/16	5/16	6 oz.	\$1.00
3/16	5/16	6 $\frac{1}{2}$ oz.	\$1.00
4/16	7/16	7 oz.	\$1.10
5/16	8/16	8 oz.	\$1.10
6/16	9/16	9 oz.	\$1.20
7/16	10/16	10 oz.	\$1.20

### SERVICE CHART—Continued

#### LIGHT WORK—PULLEYS 3" DIAMETER OR LARGER

Belting  $\frac{1}{4}$  inch to 1 inches wide

Crescent Short Grip Plates—Attach with Crescent Large Shank Rivets

Size No.	Covers Width	Put up in Packages of	Weight per gross	Price per gross
25	$\frac{3}{4}$ and 1 inch	1 gross	1 $\frac{1}{4}$ lbs.	\$ 5.80
45	1 $\frac{1}{2}$ inches	$\frac{1}{2}$ gross	3 $\frac{1}{4}$ lbs.	\$11.50
65	2 inches	$\frac{1}{2}$ gross	4 $\frac{1}{2}$ lbs.	\$17.30
85	2 $\frac{1}{2}$ inches	$\frac{1}{2}$ gross	5 $\frac{1}{2}$ lbs.	\$23.00
805	3 inches	$\frac{1}{2}$ gross	6 $\frac{1}{2}$ lbs.	\$23.00

#### GENERAL WORK—PULLEYS 6" DIAMETER OR LARGER

Belting 1  $\frac{1}{2}$  to 3 inches wide.

CRESCENT MEDIUM GRIP PLATES—Attach with Crescent Large Shank Rivets

Size No.	Covers Width	Put up in Packages of	Weight per gross	Price per gross
67	1 $\frac{1}{2}$ inches	$\frac{1}{2}$ gross	6 lbs.	\$17.30
607	2 inches	$\frac{1}{2}$ gross	7 $\frac{1}{2}$ lbs.	\$17.30
87	2 $\frac{1}{2}$ inches	$\frac{1}{2}$ gross	9 $\frac{1}{2}$ lbs.	\$23.00
107	3 inches	$\frac{1}{2}$ gross	11 $\frac{1}{2}$ lbs.	\$28.80
127	3 $\frac{1}{2}$ inches	$\frac{1}{2}$ gross	15 $\frac{1}{2}$ lbs.	\$34.50
147	4 inches	$\frac{1}{2}$ gross	16 $\frac{1}{2}$ lbs.	\$40.30

For belting wider than 4 inches use two or more Crescent Plates of the same grip.

#### GENERAL WORK—PULLEYS 9" DIAMETER OR LARGER

Belting 2 inches to 12 inches wide

CRESCENT SPECIAL GRIP PLATES—Attach with Crescent Large Shank Rivets

Size No.	Covers Width	Put up in Packages of	Weight per gross	Price per gross
63	2 inches	$\frac{1}{2}$ gross	10 $\frac{1}{2}$ lbs.	\$23.00
83	2 $\frac{1}{2}$ inches	$\frac{1}{2}$ gross	12 $\frac{1}{2}$ lbs.	\$28.80
103	3 inches	$\frac{1}{2}$ gross	16 $\frac{1}{2}$ lbs.	\$34.50
123	3 $\frac{1}{2}$ inches	$\frac{1}{2}$ gross	20 $\frac{1}{2}$ lbs.	\$40.30

For belting wider than 3  $\frac{1}{2}$  inches use two or more Crescent Plates of the same grip.

#### HEAVY WORK—PULLEYS 12" DIAMETER OR LARGER

Belting 5 inches to 36 inches wide.

CRESCENT LONG GRIP PLATES—Attach with Crescent Large Shank Rivets.

Size No.	Covers width	Put up in Packages of	Weight per gross	Price per gross
109	2 $\frac{1}{2}$ inches	$\frac{1}{2}$ gross	21 $\frac{1}{2}$ lbs.	\$34.50
149	3 inches	$\frac{1}{2}$ gross	24 $\frac{1}{2}$ lbs.	\$46.00
1409	3 $\frac{1}{2}$ inches	$\frac{1}{2}$ gross	30 $\frac{1}{2}$ lbs.	\$51.80
189	4 inches	$\frac{1}{2}$ gross	34 $\frac{1}{2}$ lbs.	\$57.60

For belting wider than 1 inches use two or more Crescent Plates of the same grip.

### ATTACH ALL THE ABOVE SHORT GRIP, MEDIUM GRIP, SPECIAL GRIP AND LONG GRIP CRESCENT PLATES WITH CRESCENT LARGE SHANK RIVETS

Belt Thickness	Use Size Number	Weight per Gross	Price per gross
2/16	5/16	10 oz.	\$1.40
3/16	6/16	11 oz.	\$1.40
4/16	7/16	12 oz.	\$1.60
5/16	8/16	13 oz.	\$1.60
6/16	9/16	14 oz.	\$1.80
7/16	10/16	1 lb.	\$1.80
8/16	11/16	1 lb. 1 oz.	\$2.00
9/16	12/16	1 lb. 2 oz.	\$2.00
10/16	13/16	1 lb. 3 oz.	\$2.20
11/16	14/16	1 lb. 4 oz.	\$2.20

#### EXTREMELY HEAVY WORK—ON LARGE DIAMETER PULLEYS

Belting up to 72 inches wide.

CRESCENT JUMBO PLATES—Attach with Crescent Jumbo Rivets

Size No.	Covers Width	Put up in Packages of	Weight per gross	Price per gross
1611	3 inches	$\frac{1}{2}$ gross	33 $\frac{1}{2}$ lbs.	\$57.60
2211	4 inches	$\frac{1}{2}$ gross	51 $\frac{1}{2}$ lbs.	\$69.10

### ATTACH CRESCENT JUMBO PLATES WITH CRESCENT JUMBO RIVET

Belt Thickness	Use Size Number	Weight per Gross	Price per gross
5/16	10/16	1 lb. 9 oz.	\$2.50
6/16	11/16	1 lb. 11 oz.	\$2.80
7/16	12/16	1 lb. 12 oz.	\$2.80
8/16	13/16	1 lb. 13 oz.	\$3.10
9/16	14/16	1 lb. 14 oz.	\$3.10
10/16	15/16	1 lb. 15 oz.	\$3.40
11/16	16/16	2 lbs.	\$3.40
13/16	18/16	2 lbs. 4 oz.	\$3.70

### FOR SHORTENING and REJOINING—

The Crescent method is undoubtedly the most economical of all means of joining, not alone because it saves the belt and prolongs its life, but because when shortening and rejoining waste is reduced to the minimum. To remove the belt simply withdraw the Crescent Rivets from one side of the joint only, using a Crescent Rivet Extractor as shown. Then cut out the slack if necessary and to rejoin drive in and clinch over a new row of Crescent Rivets. The Crescent Plate and one half the Crescent Rivets are used over and over again. Crescent Plates will outlast the belt.

Crescent Rivet Extractor No. 79—Weight each, 1 lb.	\$3.00
Crescent Rivet Extractor No. 78—(with cutting nipper) Weight each, 1 lb.	\$6.00



## Belt Sundries

### BRISTOL STEEL LACING



Cold Rolled Steel; makes smooth elastic joints; does not cut belt fibres; gives long service; no special tool required; for all kinds of belts.

Number	1	2	3
For belt, thickness, ins.	$\frac{1}{8}$ to $\frac{1}{4}$	$\frac{1}{4}$ to $\frac{5}{8}$	$\frac{5}{8}$ to $\frac{3}{4}$
Assorted, points	3 to 9	3 to 9	3 to 7
Weight per box, lbs.	1 $\frac{1}{2}$	2 $\frac{1}{4}$	4
Per box	\$1.70	2.20	2.80

Boxes contain sufficient to fasten 100 inches in belt width.

### BRISTOL WIRE LACING



Composition wire; for all kinds of belts; strong and pliable; serviceable; silver finish.

Number	50	51	52
For belts width, ins.	1 to 2 $\frac{1}{2}$	3 to 5	6 to 15
Weight per box, ozs.	4	5	7
Per box	\$1.60	1.60	1.60

50 feet in a box.

### BELT HOOKS



Tempered Steel; oval pointed; bright finish; for all kinds of belts.

Number	12	10	9	8	7
No. in box	500	300	200	200	200
Weight per box, lbs.	1	1 $\frac{1}{2}$	1 $\frac{1}{4}$	2	2 $\frac{1}{4}$
Per 100 lbs.	\$0.40	0.44	0.48	0.60	0.74

Number	6	5	4	3	2
No. in box	200	100	100	100	100
Weight per box, lbs.	2 $\frac{1}{4}$	2	2 $\frac{1}{4}$	3 $\frac{1}{2}$	4
Per 100 lbs.	\$1.00	1.50	1.80	2.00	2.50

### GEM BELT LACER



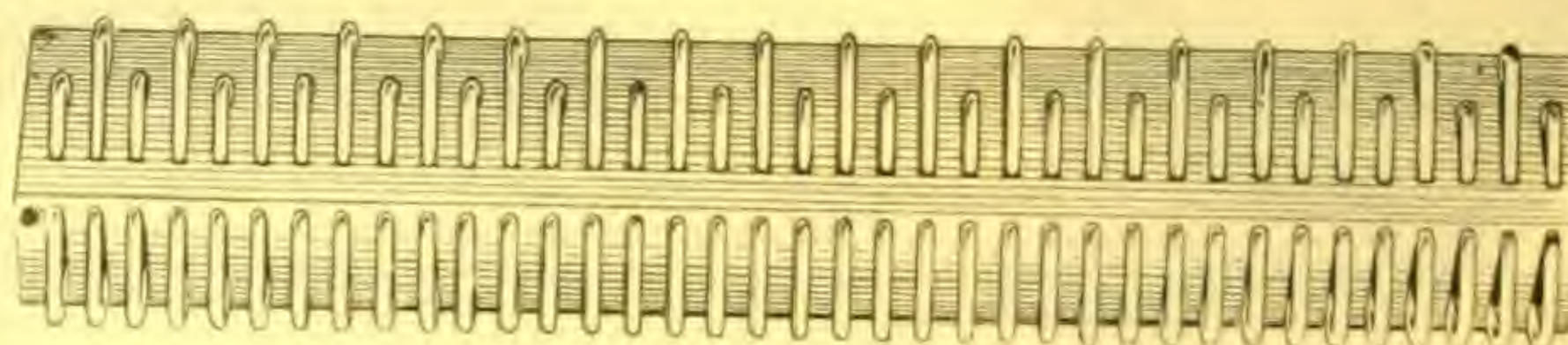
#### DOUBLE LEVER

This machine provides the most efficient method of fixing the hooks into the belt; it can be carried to the belt and a 6 in. joint made at one operation in one minute; if the belt is wider than 6 in., the operation is repeated, if narrower the standard card of hooks can be cut to the proper width.

This is fully guaranteed against faulty workmanship or material, there are no loose parts, and all parts are interchangeable.

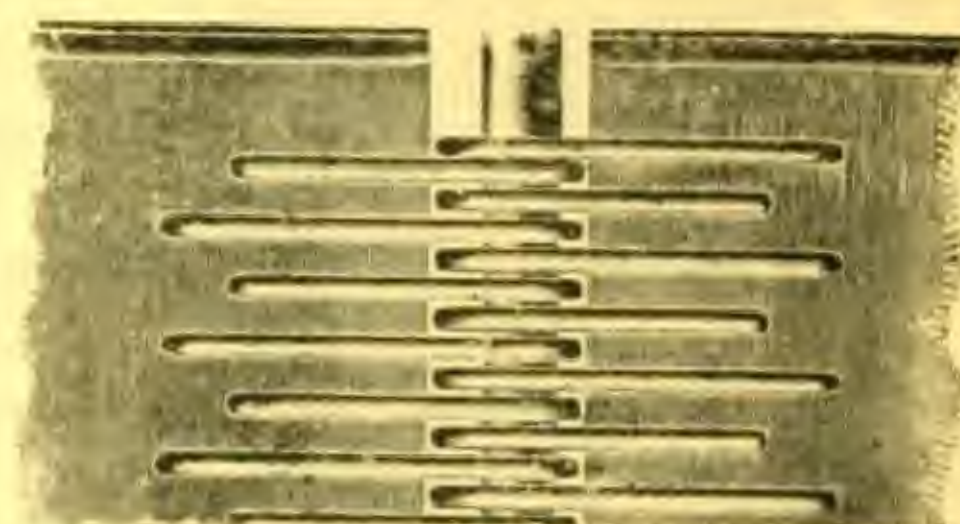
Gem Belt Lacer, Each \$60.00

### GEM BELT LACING



Gem Belt Fasteners comprise a series of wire hooks housed in a strong paper frame; which is not removed until the hooks are firmly embedded in the belt. The housing ensures perfect alignment and is easily removed after the hooks have been inserted into the belt.

The illustration to the right shows a finished joint where Gem Belt Fasteners have been used, a rawhide pin being necessary to complete the joint. Gem Belt Fasteners are supplied in boxes containing 162 inches, in 6 inch lengths with rawhide pins for connecting.



Number	2	3	4	5	6
Thickness of belt, inches	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{1}{2}$	$\frac{3}{4}$	$\frac{1}{2}$
Per box	\$2.70	3.40	3.40	4.00	4.80
Extra Pins. Per bundle of 24, 12 inches long	\$2.00	2.20	2.30	2.40	2.50

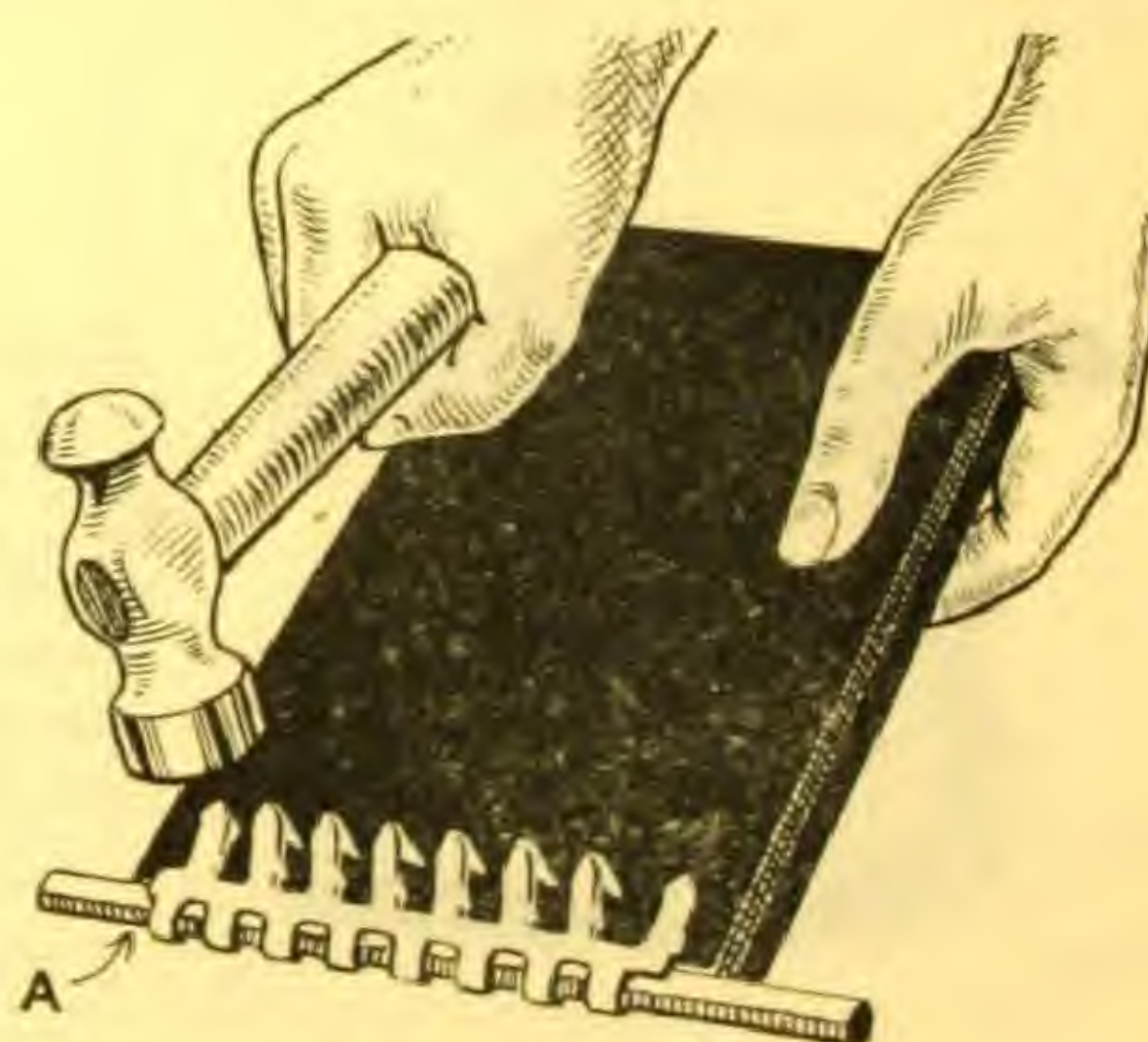
NOTE—Gem Belt Fasteners can be used in any wire belt lacer.

### FLEXIBLE STEEL BELT LACING

To make a joint with Flexible Steel Belt Lacing, just break off sufficient lacing to lace the joint and insert gauge pin "A" as shown in the cut, then press the lacing tightly against a stop and hammer down the end prongs first so as to keep the ends square. Now that the lacing is set in position and tried up, drive the points through on a wooden surface and finish by clinching on metal, insert rawhide hinge pin in place of gauge pin and the work is completed.

Number	15	20	25	27	35	45
Thickness of belt, inches	$\frac{1}{8}$ to $\frac{1}{4}$	$\frac{1}{4}$ to $\frac{1}{2}$	$\frac{1}{2}$ to $\frac{3}{4}$	$\frac{3}{4}$ to $\frac{1}{2}$	$\frac{1}{2}$ to $\frac{3}{4}$	$\frac{3}{4}$ to $\frac{1}{2}$
Quantity in box, inches	64	60	96	96	48	48
Weight per box, lbs.	1	1 $\frac{1}{2}$	2 $\frac{1}{2}$	3 $\frac{1}{4}$	2 $\frac{1}{2}$	3 $\frac{1}{4}$
Per box	\$3.30	3.40	6.60	7.00	4.50	6.00

NOTE—Extra rawhide pins are listed with Gem Fasteners.





## Belting

**Standard leather belting:** cut from select hides; oak tanned by the most approved methods; laps or joints are carefully cemented and are of uniform thickness; a satisfactory grade for all ordinary purposes; cut to desired lengths.

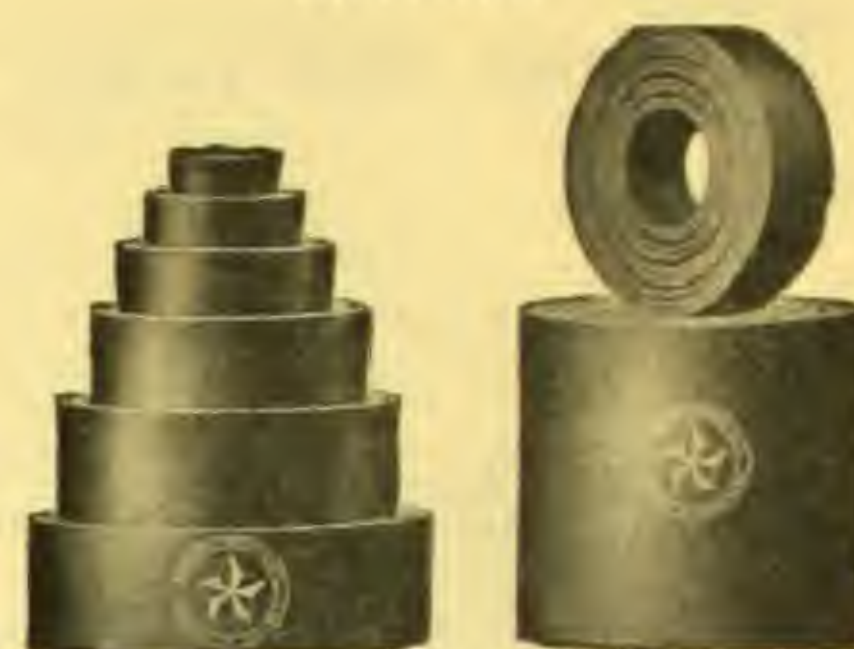
Width, inches	1	1½	1½	2	2½	3	3½	4	5	6
Weight per foot, ozs	1	1½	2	2½	3	4	5	5½	6½	8
Mfr's List, Single	\$ .24	.30	.36	.43	.60	.72	.84	.96	1.20	1.44
Mfr's List, Double	\$ .48	.60	.72	.96	1.20	1.44	1.68	1.92	2.40	2.88

Rolls contain about 300 feet.

## DISCOUNT

NOTE—Other grades and sizes supplied promptly.

## LEATHER



## RUBBER



**Banner rubber belting**—for agricultural and other light service purposes; cotton duck; rubber coated; sizes as below.

Width, inches	1½	2	2½	3	3½	4	5	6	7	8
Thickness, ply	3	3	4	3	4	4	4	4	4	4
Weight per 100 feet, lbs	17	22	28	33	38	44	55	66	76	88
Mfr's List per foot	\$ .26	.34	.43	.51	.60	.80	.98	1.16	1.35	1.51

## DISCOUNT

Rolls contain about 300 feet.

**Gibraltar Rubber Belting**—for paper mills and manufacturing plants; friction surface; made from finest Sea Island 32 ounce cotton duck; thoroughly impregnated with fine para rubber;

Width, inches	2½	3	4	4	5	5	6	8	8	9	9	10	10	12	12
Thickness, ply	3	3	3	4	3	4	4	5	6	5	6	5	6	5	6
Weight per 100 feet, lbs	22	27	35	41	43	55	62	113	130	123	145	137	163	170	200
Mfr's List per foot	\$ .43	.51	.68	.80	.83	.98	1.16	1.93	2.31	2.16	1.60	2.41	2.96	2.89	3.47

Rolls contain about 300 feet.

## DISCOUNT

Note—Other grades and sizes supplied promptly.

**RED WING Canvas belting:** the cotton duck used in the manufacture of this belting is of maximum weight and strength; it is stitched with strong cotton and filled with an oil compound which preserves it and eliminates difficulties due to stitching.

Width, inches	2	2½	3	3½	4	4	4½	4½	5	5	6	6
Thickness, ply	1	1	1	1	1	6	4	6	4	6	1	6
Weight per 100 feet, lbs	32	35	38	42	45	48	51	54	58	62	65	71
Mfr's List per foot	\$ .39	.48	.57	.65	.74	1.11	.81	1.22	.90	1.35	1.05	1.58

## DISCOUNT



## BELT DRESSING



**Star Cut Lace Leather:** select quality; oak tanned; uniform thickness; will not dry out; suitable under all climatic conditions; sizes carried in stock ¼, ½, ¾, 1, 1½, 2, 2½, 3, 3½, 4, 4½, 5, 5½, 6, 6½, 7, 7½, 8, 8½, 9, 9½, 10, 10½, 11, 11½, 12, 12½, 13, 13½, 14, 14½, 15, 15½, 16, 16½, 17, 17½, 18, 18½, 19, 19½, 20, 20½, 21, 21½, 22, 22½, 23, 23½, 24, 24½, 25, 25½, 26, 26½, 27, 27½, 28, 28½, 29, 29½, 30, 30½, 31, 31½, 32, 32½, 33, 33½, 34, 34½, 35, 35½, 36, 36½, 37, 37½, 38, 38½, 39, 39½, 40, 40½, 41, 41½, 42, 42½, 43, 43½, 44, 44½, 45, 45½, 46, 46½, 47, 47½, 48, 48½, 49, 49½, 50, 50½, 51, 51½, 52, 52½, 53, 53½, 54, 54½, 55, 55½, 56, 56½, 57, 57½, 58, 58½, 59, 59½, 60, 60½, 61, 61½, 62, 62½, 63, 63½, 64, 64½, 65, 65½, 66, 66½, 67, 67½, 68, 68½, 69, 69½, 70, 70½, 71, 71½, 72, 72½, 73, 73½, 74, 74½, 75, 75½, 76, 76½, 77, 77½, 78, 78½, 79, 79½, 80, 80½, 81, 81½, 82, 82½, 83, 83½, 84, 84½, 85, 85½, 86, 86½, 87, 87½, 88, 88½, 89, 89½, 90, 90½, 91, 91½, 92, 92½, 93, 93½, 94, 94½, 95, 95½, 96, 96½, 97, 97½, 98, 98½, 99, 99½, 100, 100½, 101, 101½, 102, 102½, 103, 103½, 104, 104½, 105, 105½, 106, 106½, 107, 107½, 108, 108½, 109, 109½, 110, 110½, 111, 111½, 112, 112½, 113, 113½, 114, 114½, 115, 115½, 116, 116½, 117, 117½, 118, 118½, 119, 119½, 120, 120½, 121, 121½, 122, 122½, 123, 123½, 124, 124½, 125, 125½, 126, 126½, 127, 127½, 128, 128½, 129, 129½, 130, 130½, 131, 131½, 132, 132½, 133, 133½, 134, 134½, 135, 135½, 136, 136½, 137, 137½, 138, 138½, 139, 139½, 140, 140½, 141, 141½, 142, 142½, 143, 143½, 144, 144½, 145, 145½, 146, 146½, 147, 147½, 148, 148½, 149, 149½, 150, 150½, 151, 151½, 152, 152½, 153, 153½, 154, 154½, 155, 155½, 156, 156½, 157, 157½, 158, 158½, 159, 159½, 160, 160½, 161, 161½, 162, 162½, 163, 163½, 164, 164½, 165, 165½, 166, 166½, 167, 167½, 168, 168½, 169, 169½, 170, 170½, 171, 171½, 172, 172½, 173, 173½, 174, 174½, 175, 175½, 176, 176½, 177, 177½, 178, 178½, 179, 179½, 180, 180½, 181, 181½, 182, 182½, 183, 183½, 184, 184½, 185, 185½, 186, 186½, 187, 187½, 188, 188½, 189, 189½, 190, 190½, 191, 191½, 192, 192½, 193, 193½, 194, 194½, 195, 195½, 196, 196½, 197, 197½, 198, 198½, 199, 199½, 200, 200½, 201, 201½, 202, 202½, 203, 203½, 204, 204½, 205, 205½, 206, 206½, 207, 207½, 208, 208½, 209, 209½, 210, 210½, 211, 211½, 212, 212½, 213, 213½, 214, 214½, 215, 215½, 216, 216½, 217, 217½, 218, 218½, 219, 219½, 220, 220½, 221, 221½, 222, 222½, 223, 223½, 224, 224½, 225, 225½, 226, 226½, 227, 227½, 228, 228½, 229, 229½, 230, 230½, 231, 231½, 232, 232½, 233, 233½, 234, 234½, 235, 235½, 236, 236½, 237, 237½, 238, 238½, 239, 239½, 240, 240½, 241, 241½, 242, 242½, 243, 243½, 244, 244½, 245, 245½, 246, 246½, 247, 247½, 248, 248½, 249, 249½, 250, 250½, 251, 251½, 252, 252½, 253, 253½, 254, 254½, 255, 255½, 256, 256½, 257, 257½, 258, 258½, 259, 259½, 260, 260½, 261, 261½, 262, 262½, 263, 263½, 264, 264½, 265, 265½, 266, 266½, 267, 267½, 268, 268½, 269, 269½, 270, 270½, 271, 271½, 272, 272½, 273, 273½, 274, 274½, 275, 275½, 276, 276½, 277, 277½, 278, 278½, 279, 279½, 280, 280½, 281, 281½, 282, 282½, 283, 283½, 284, 284½, 285, 285½, 286, 286½, 287, 287½, 288, 288½, 289, 289½, 290, 290½, 291, 291½, 292, 292½, 293, 293½, 294, 294½, 295, 295½, 296, 296½, 297, 297½, 298, 298½, 299, 299½, 300, 300½, 301, 301½, 302, 302½, 303, 303½, 304, 304½, 305, 305½, 306, 306½, 307, 307½, 308, 308½, 309, 309½, 310, 310½, 311, 311½, 312, 312½, 313, 313½, 314, 314½, 315, 315½, 316, 316½, 317, 317½, 318, 318½, 319, 319½, 320, 320½, 321, 321½, 322, 322½, 323, 323½, 324, 324½, 325, 325½, 326, 326½, 327, 327½, 328, 328½, 329, 329½, 330, 330½, 331, 331½, 332, 332½, 333, 333½, 334, 334½, 335, 335½, 336, 336½, 337, 337½, 338, 338½, 339, 339½, 340, 340½, 341, 341½, 342, 342½, 343, 343½, 344, 344½, 345, 345½, 346, 346½, 347, 347½, 348, 348½, 349, 349½, 350, 350½, 351, 351½, 352, 352½, 353, 353½, 354, 354½, 355, 355½, 356, 356½, 357, 357½, 358, 358½, 359, 359½, 360, 360½, 361, 361½, 362, 362½, 363, 363½, 364, 364½, 365, 365½, 366, 366½, 367, 367½, 368, 368½, 369, 369½, 370, 370½, 371, 371½, 372, 372½, 373, 373½, 374, 374½, 375, 375½, 376, 376½, 377, 377½, 378, 378½, 379, 379½, 380, 380½, 381, 381½, 382, 382½, 383, 383½, 384, 384½, 385, 385½, 386, 386½, 387, 387½, 388, 388½, 389, 389½, 390, 390½, 391, 391½, 392, 392½, 393, 393½, 394, 394½, 395, 395½, 396, 396½, 397, 397½, 398, 398½, 399, 399½, 400, 400½, 401, 401½, 402, 402½, 403, 403½, 404, 404½, 405, 405½, 406, 406½, 407, 407½, 408, 408½, 409, 409½, 410, 410½, 411, 411½, 412, 412½, 413, 413½, 414, 414½, 415, 415½, 416, 416½, 417, 417½, 418, 418½, 419, 419½, 420, 420½, 421, 421½, 422, 422½, 423, 423½, 424, 424½, 425, 425½, 426, 426½, 427, 427½, 428, 428½, 429, 429½, 430, 430½, 431, 431½, 432, 432½, 433, 433½, 434, 434½, 435, 435½, 436, 436½, 437, 437½, 438, 438½, 439, 439½, 440, 440½, 441, 441½, 442, 442½, 443, 443½, 444, 444½, 445, 445½, 446, 446½, 447, 447½, 448, 448½, 449, 449½, 450, 450½, 451, 451½, 452, 452½, 453, 453½, 454, 454½, 455, 455½, 456, 456½, 457, 457½, 458, 458½, 459, 459½, 460, 460½, 461, 461½, 462, 462½, 463, 463½, 464, 464½, 465, 465½, 466, 466½, 467, 467½, 468, 468½, 469, 469½, 470, 470½, 471, 471½, 472, 472½, 473, 473½, 474, 474½, 475, 475½, 476, 476½, 477, 477½, 478, 478½, 479, 479½, 480, 480½, 481, 481½, 482, 482½, 483, 483½, 484, 484½, 485, 485½, 486, 486½, 487, 487½, 488, 488½, 489, 489½, 490, 490½, 491, 491½, 492, 492½, 493, 493½, 494, 494½, 495, 495½, 496, 496½, 497, 497½, 498, 498½, 499, 499½, 500, 500½, 501, 501½, 502, 502½, 503, 503½, 504, 504½, 505, 505½, 506, 506½, 507, 507½, 508, 508½, 509, 509½, 510, 510½, 511, 511½, 512, 512½, 513, 513½, 514, 514½, 515, 515½, 516, 516½, 517, 517½, 518, 518½, 519, 519½, 520, 520½, 521, 521½, 522, 522½, 523, 523½, 524, 524½, 525, 525½, 526, 526½, 527, 527½, 528, 528½, 529, 529½, 530, 530½, 531, 531½, 532, 532½, 533, 533½, 534, 534½, 535, 535½, 536, 536½, 537, 537½, 538, 538½, 539, 539½, 540, 540½, 541, 541½, 542, 542½, 543, 543½, 544, 544½, 545, 545½, 546, 546½, 547, 547½, 548, 548½, 549, 549½, 550, 550½, 551, 551½, 552, 552½, 553, 553½, 554, 554½, 555, 555½, 556, 556½, 557, 557½, 558, 558½, 559, 559½, 560, 560½, 561, 561½, 562, 562½, 563, 563½, 564, 564½, 565, 565½, 566, 566½, 567, 567½, 568, 568½, 569, 569½, 570, 570½, 571, 571½, 572, 572½, 573, 573½, 574, 574½, 575, 575½, 576, 576½, 577, 577½, 578, 578½, 579, 579½, 580, 580½, 581, 581½, 582, 582½, 583, 583½, 584, 584½, 585, 585½, 586, 586½, 587, 587½, 588, 588½, 589, 589½, 590, 590½, 591, 591½, 592, 592½, 593, 593½, 594, 594½, 595, 595½, 596, 596½, 597, 597½, 598, 598½, 599, 599½, 600, 600½, 601, 601½, 602, 602½, 603, 603½, 604, 604½, 605, 605½, 606, 606½, 607, 607½, 608, 608½, 609, 609½, 610, 610½, 611, 611½, 612, 612½, 613, 613½, 614, 614½, 615, 615½, 616, 616½, 617, 617½, 618, 618½, 619, 619½, 620, 620½, 621, 621½, 622, 622½, 623, 623½, 624, 624½, 625, 625½, 626, 626½, 627, 627½, 628, 628½, 629, 629½, 630, 630½, 631, 631½, 632, 632½, 633, 633½, 634, 634½, 635, 635½, 636, 636½, 637, 637½, 638, 638½, 639, 639½, 640, 640½, 641, 641½, 642, 642½, 643, 643½, 644, 644½, 645, 645½, 646, 646½, 647, 647½, 648, 648½, 649, 649½, 650, 650½, 651, 651½, 652, 652½, 653, 653½, 654, 654½, 655, 655½, 656, 656½, 657, 657½, 658, 658½, 659, 659½, 660, 660½, 661, 661½, 662, 662½, 663, 663½, 664, 664½, 665, 665½, 666, 666½, 667, 667½, 668, 668½, 669, 669½, 670, 670½, 671, 671½, 672, 672½, 673, 673½, 674, 674½, 675, 675½, 676, 676½, 677, 677½, 678, 678½, 679, 679½, 680, 680½, 681, 681½, 682, 682½, 683, 683½, 684, 684½, 685, 685½, 686, 686½, 687, 687½, 688, 688½, 689, 689½, 690, 690½, 691, 691½, 692, 692½, 693, 693½, 694, 694½, 695, 695½, 696, 696½, 697, 697½, 698, 698½, 699, 699½, 700, 700½, 701, 701½, 702, 702½, 703, 703½, 704, 704½, 705, 705½, 706, 706½, 707, 707½, 708, 708½, 709, 709½, 710, 710½, 711, 711½, 712, 712½, 713, 713½, 714, 714½, 715, 715½, 716, 716½, 717, 717½, 718, 718½, 719, 719½, 720, 720½, 721, 721½, 722, 722½, 723, 723½, 724, 724½, 725, 725½, 726, 726½, 727, 727½, 728, 728½, 729, 729½, 730, 730½, 731, 731½, 732, 732½, 733, 733½, 734, 734½, 735, 735½, 736, 736½, 737, 737½, 738, 738½, 739, 739½, 740, 740½, 741, 741½, 742, 742½, 743, 743½, 744, 744½, 745, 745½, 746, 746½, 747, 747½, 748, 748½, 749, 749½, 750, 750½, 751, 751½, 752, 752½, 753, 753½, 754, 754½, 755, 755½, 756, 756½, 757, 757½, 758, 758½, 759, 759½, 760, 760½, 761, 761½, 762, 762½, 763, 763½, 764, 764½, 765, 765½, 766, 766½, 767, 767½, 768, 768½, 769, 769½, 770, 770½, 771, 771½, 772, 772½, 773, 773½, 774, 774½, 775, 775½, 776, 776½, 777, 777½, 778, 778½, 779, 779½, 780, 780½, 781, 781½, 782, 782½, 783, 783½, 784, 784½, 785, 785½, 786, 786½, 787, 787½, 788, 788½, 789, 789½, 790, 790½, 791, 791½, 792, 792½, 793, 793½, 794, 794½, 795, 795½, 796, 796½, 797, 797½, 798, 798½, 799, 799½, 800, 800½, 801, 801½, 802, 802½, 803, 803½, 804, 804½, 805, 805½, 806, 806½, 807, 807½, 808, 808½, 809, 809½, 810, 810½, 811, 811½, 812, 812½, 813, 813½, 814, 814½, 815, 815½, 816, 816½, 817, 817½, 818, 818½, 819, 819½, 820, 820½, 821, 821½, 822, 822½, 823, 823½, 824, 824½, 825, 825½, 826, 826½, 827, 827½, 828, 828½, 829, 829½, 830, 830½, 831, 831½, 832, 832½, 833, 833½, 834, 834½, 835, 835½, 836, 836½, 837, 837½, 838, 838½, 839, 839½, 840, 840½, 841, 841½, 842, 842½, 843, 843½, 844, 844½, 845, 845½, 846, 846½, 847, 847½, 848, 848½, 849, 849½, 850, 850½, 851, 851½, 852, 852½, 853, 853½, 854, 854½, 855, 855½, 856, 856½, 857, 857½, 858, 858½, 859, 859½, 860, 860½, 861, 861½, 862, 862½, 863, 863½, 864, 864½, 865, 865½, 866, 866½, 867, 867½, 868, 868½, 869, 869½, 870, 870½, 871, 871½, 872, 872½, 873, 873½, 874, 874½, 875, 875½, 876, 876½, 877, 877½, 878, 878½, 879, 87



# Packing

## SHEET RUBBER



**Competition; Sheet Rubber and Cotton Duck;** in rolls; width 36 inches.  
**Thickness, inches**  $\frac{1}{8}$   $\frac{1}{4}$   
**Weight per square yard, lbs**  $5\frac{1}{2}$  11  
**Per lb.** \$0.75  
**Red Sheet; Sheet Rubber; high pressure; heat resisting; red rubber; width 36 inches.**  
**Thickness, inches**  $\frac{1}{8}$   $\frac{1}{4}$   
**Weight per square yds. lbs**  $5\frac{1}{2}$  11  
**Per lb.** \$1.10  
**Rainbow; Sheet Rubber; especially for high pressure steam work; not hardened by heat; width 36 inches.**  
**Thickness, inches**  $\frac{1}{8}$   $\frac{1}{4}$   
**Weight per square yard, lbs.**  $6\frac{1}{2}$  12  
**Per lb.** \$1.50  
**Wire Inserted; Sheet 36 inches Wide; for gas-line and gas engines; graphite coated.**  
**Thickness, inches**  $\frac{1}{8}$   $\frac{1}{4}$   
**Weight per square yard, lbs.** 4 5  
**Per lb.** \$2.50  
 Open stock.

## CANDLE WICK



**Candle Wick; Cotton; for lubricating journals; for miner's lamps, etc.**  
**Star-2 oz. ball; 6 strand; ordinary**  
**Per lb.** \$1.20  
 5 lb. Sacks.

## WASTE



**Standard Colored Cotton; good grade colored waste for all-round use; in 100 lb. bales.**  
**Per lb.** \$0.25  
**No. 2-Express White Cotton; second quality white cotton fibre product for general use; 100 lb. bales**  
**Per lb.** \$0.30  
**No. 1-XLGR White Cotton; 100 lbs bales**  
**Per lb.** \$0.35  
**No. 1-XLGR White Cotton; fine quality; all white cotton fibre; 5 lb. bundles.**  
**Per lb.** \$0.40

## TENAX



**Tenax; compressed asbestos sheets 50 x 50 inches square, for low or high pressure steam, super-heated steam and gas engines. It withstands temperature of 1,200 degrees Fahr. and 250 lbs. steam pressure; will not squeeze out of the joints. Thickness in inches**  $\frac{1}{8}$   $\frac{1}{4}$   $\frac{3}{8}$   
**Weight per sheet, lbs approximately**  $4\frac{1}{2}$  9  $12\frac{1}{2}$   
**Per pound** \$2.20

## SPIRAL



**Regular Spiral; continuous ring; shaped to fit rod or box; convenient; quick; high grade.**  
**Size, inches**  $\frac{1}{4}$   $\frac{3}{8}$   $\frac{1}{2}$   $\frac{3}{4}$  1  $1\frac{1}{2}$  2  $2\frac{1}{2}$   
**Feet per lb.** 24 18 12 10 8 6  $3\frac{1}{2}$   
**Per lb.** \$1.80  
 12 foot coils.

## ASBESTOS WICK



**Asbestos Wick; pure asbestos fibre, spun and twisted; acid and fireproof for packing valve stems, small pumps, etc; about 79 feet to the lb.**  
**Per lb.** \$1.25  
 $\frac{1}{2}$  lb. balls.

## OAKUM



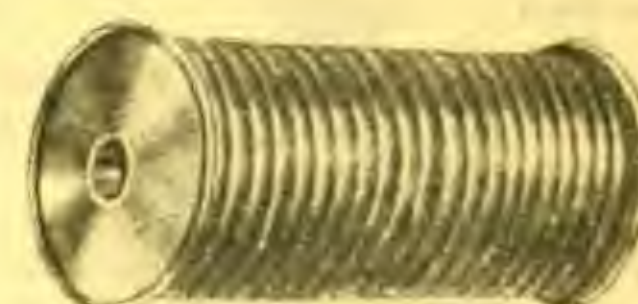
**Plumbers Grade; spun; saturated; ready for calking.**  
**Per 100 lbs** \$12.00  
**U. S. Navy Grade; spun; long fibre; saturated; ready for calking.**  
**Per 100 lbs** \$32.00  
 50 lbs in a bale.

## SQUARE FLAX



**Square Flax; first quality flax, entirely free from hemp or jute.**  
**Size, inches**  $\frac{1}{4}$   $\frac{3}{8}$   $\frac{1}{2}$   $\frac{3}{4}$   
**Feet per lb.** 16 10 6  $4\frac{1}{2}$   
**Feet in coil** 35 30 21 17  
**Coils per box** 5 4 3 3  
**Per lb.** \$ .90  
 10 to 12 lbs in box.

## VALVE STEM



**Valve Stem Twist; for small rods and valve stems; does not get hard; quickly applied.**  
**Size, inches**  $\frac{1}{4}$   $\frac{3}{8}$   $\frac{1}{2}$   $\frac{3}{4}$   
**Feet per pound** 20 25 20  
**Per lb.** \$2.75  
 Pound spoils.

## GRAPHITE



**Black Donald; pure flake graphite recommended for use on heavy bearings, flanges, gaskets, packings etc., not affected by heat, cold steam or acid.**  
**Sizes**  
**One pound tins (36 in a case)** \$0.95  
**Five pound tins (10 in a case)** \$4.40

## IRON CEMENT



**No. 1-Smooth-On; for repairing breaks or leaks in water, steam or oil line pipes; quick hardening powder form.**  
**Per pound** \$1.00  
**No. 4-Smooth-On; for repairing sand holes and blanches in iron or steel castings; powder form.**  
**Per pound** \$0.90  
**NOTE.** Can also be supplied in 5 lb cans if required.



## Engineers supplies

## PENBERTHY INJECTORS



No. 47—Penberthy Automatic; left and back style; suction lift; overflow front; discharge back. The Penberthy is a perfect restarting automatic injector. By this we mean that, when the injector is working and forcing water into the boiler, if the current of water be suddenly broken by any cause, such as a sudden jar or jolt as in the case of a traction engine or road roller, or in the case of a marine boiler by the rolling of the vessel throwing the sea-cock out of the water for a moment, this injector will pick up the water and again establish the current to the boiler automatically without the least attention from an attendant. This is responsible for the great popularity of the Penberthy Injector wherever used. It also has the advantage of starting on a steam pressure as low as 20 to 22 lbs. on a three foot lift.

Size	A	AA	B	BB	C	CC	D	DD	E
Horse Power	8 to 16	12 to 22	17 to 32	20 to 45	40 to 65	45 to 80	50 to 100	75 to 135	100-180
Connection, ins.	1/2	3/4	1	1 1/4	1 1/2	1 3/4	2	2 1/4	2 1/2
Gals. 3 ft. lift									
per hour	135	180	260	360	475	600	800	1000	1100
Weight, lbs.	3 1/2	3 1/2	5 1/2	5 1/2	8	8	12	12	25
Mfr's List	\$18.00	20.00	25.00	30.00	40.00	45.00	55.00	60.00	75.00

## STEAM GAUGES



No. SP5—Single Spring Pressure Gauge for Steam, Air, Water or Gas; of 200 lb. register; Iron case, brass ring, white enamelled dial with graduations in black. Dial is 5 inches in diameter. Pipe connection is 1/2 inch. A tee handle gauge cock supplied with each one. Weight each 3 1/2 lbs. Each \$10.00

One in box

## STEAM GAUGE SYPHON



No. P1—A Coil Pipe Syphon for use with steam gauges. Size of pipe connection 1/2 inch. Weight each, 1 lb. Each \$0.60

Open stock

## STEAM GAUGE COCKS



T Handle; Female Ends; Polished Brass.  
Numbers 37 38 39  
Pipe size, inches 1/2 1/2 1/2  
Weight each, ozs. 2 3 4  
Each \$0.65 0.70 0.85  
Open stock

## PENBERTHY EJECTORS



No. XL96—Penberthy Improved; ejectors are used to lift and carry water or other liquids by steam pressure; this model will lift water 22 to 25 feet, and force it from 25 to 100 feet above ejector on from 30 to 100 lbs. steam pressure; indispensable on boats, traction engines, locomotive tenders or wherever steam boilers are used at a higher level than the water supply.

Numbers	1	2	3	4	5	6
Steam pipe, inches	1	1 1/2	2	2 1/2	3	3 1/2
Suction and delivery pipe, inches	1	1 1/2	2	2 1/2	3	3 1/2
Gallons per hour	240	500	840	1350	1950	3500
Vertical lift, 40 to 75 lbs. steam, ft.	23	25	25	25	25	25
Weight, each, lbs.	1	1 1/2	2 1/2	3 1/2	4 1/2	8 1/2
Manufacturer's List	\$8.00	10.00	15.00	20.00	25.00	35.00

One in box.

## INJECTOR STRAINERS



No. 377—Brass Wire Gauze; Cast Brass Body; used to prevent passage-ways in the jets of injectors from being stopped up by pieces of dirt too large to be forced through.

Pipe size, inches	1/2	3/4	1	1 1/4	1 1/2
Weight, each, lbs.	1/2	3/4	1	1 1/4	1 1/2
Each	\$0.84	0.94	1.06	1.16	1.26

Open stock

## GAUGE GLASSES



Invicta Genuine Scotch Glasses; Diam. 1/2 inch.  
Length, inches 10 12 14 16 18  
Weight per dozen, lbs. 2 2 1/2 2 1/2 2 1/2 3  
Per dozen \$2.10 2.50 2.95 3.40 3.80

Diameter 1/2 inch.  
Length, inches 10 12 14 16 18  
Weight per dozen, lbs. 2 2 1/2 2 1/2 2 1/2 3  
Per dozen \$2.10 2.50 2.95 3.40 3.80

Diameter 1/2 inch.  
Length, inches 12 14 16 18  
Weight per dozen, lbs. 2 1/2 3 3 1/2 4 1/2  
Per dozen \$3.00 3.60 4.10 4.60

Half inch, dozen in package; other sizes, half dozen in package

## GAUGE GLASS CUTTERS



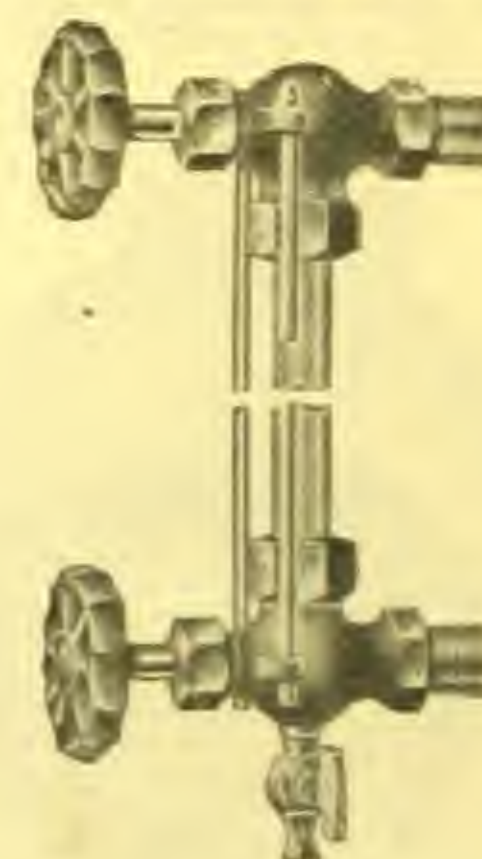
No. 035—Entirely of Steel, nickel plated; slide stop; set screw; rotary cutter at end; length 7 1/2 inches. Weight per dozen, 1 1/2 lbs. Per dozen \$5.30  
One in box

## GAUGE GLASS WASHERS



No. 185—Regular Square Black Rubber.  
Size of hole, inches 1/2 3/4 1  
Weight per gross, lbs. 1 1/2 1 1/2 1 1/2  
Per dozen \$1.80 1.80 1.80

## WATER GAUGES



Penberthy Water Gauge—Standard round body pattern, suitable for 150 lbs. steam pressure and registered in accordance with this specification. Supplied with iron wheels, brass guards and in rough brass finish. Gauge glasses are not supplied unless specially ordered.

Number	81A	81A
Pipe thread, inches	1/2	1/2
Size of glass, inches	1 x 12	1 x 12
Weight each, lbs.	2 1/2	2 1/2
Each	\$4.20	4.60

One in box.

## GAUGE COCKS



No. 8—Penberthy, Registered; substantially constructed to meet regulations for 150 lbs. steam pressure; polished brass; wood wheel; stuffing box; 1/2 inch openings throughout; 1/2 inch shank. Weight each, 1 lb. Each \$1.70  
Open stock



## Oil Cups



Penberthy; Screw Top; red cast brass, highly polished.

Numbers	1	2	4
Diam. body, ins.	1	1	1 1/4
Connection	1/4	1/4	1/4
Wgt. each, ozs.	1	2	4
Each	\$0 54	0 60	0 92

Numbers	5	6	8
Diam. body, ins.	1 1/2	1 3/4	2
Connection	1/2	1/2	1/2
Wgt. each, ozs.	7	8	15
Each	\$1 36	1 90	2 66

Open Stock.



Penberthy Sancha; Slide top; sight feed; metal parts polished brass; feed regulator; winged locknut; feed instantly shut off by screwing down regulating stem to seat.

Numbers	600	601	602	603
Capacity, oz.	1	1 1/4	2 1/4	2 1/4
Connection	1/4	1/4	1/4	1/4
Glass outside	1 1/4	1 1/4	1 1/4	2
Height glass	1 1/4	1 1/4	1 1/4	1 1/4
Wt. each, lbs.	1	1	1	1
Each	\$1 78	2 14	2 50	2 80
Extra glasses				
Each	\$0 32	0 40	0 44	0 48

Dozen in box.



Penberthy Salute; Snap Lever; Sight Feed; with lever up cup feeds; shut off when lever is down; with lever at 45 degrees angle cup flushes; good vent to cover allows oil to feed freely; polished brass; glass body.

Numbers	550	551	553	555
Size, ozs.	1	1	2 1/4	5
Glass outside	1 1/4	1 1/4	2	2 1/2
Ht. gs., ins.	1 1/4	1 1/4	1 3/4	2 1/4
Connection	1/4	1/4	1/2	1/2
Wgt., lbs.	1	1	2	2
Each	\$2 40	2 72	3 00	4 20
Extra glasses				
Each	\$0 32	0 40	0 48	1 00

Dozen in box.



Penberthy Sultan; especially for gas and gasoline engine cylinders where there is continual back pressure; shank contains ball check valve which prevents back pressure from entering sight-feed chamber but allows oil to pass down into engine cylinder.

Numbers	652	653	654
Capacity, ozs.	1 1/4	2 1/4	4
Connection	1/4	1/4	1/4
Glass outside	1 1/4	2	2 1/4
Weight each, lbs.	1 1/4	1 1/4	1 1/4
Each	\$3 40	4 10	5 12
Extra Glasses			
Each	\$0 44	0 48	0 60

Dozen in box.

## Grease Cups



Plain Compression Cups; cut threads, uniform thickness; well finished.

Numbers	00	0	1	2	3
Inside Diam., inches	1	1 1/4	1 1/2	2	2 1/2
Connection	1/4	1/4	1/4	1/4	1/4
Capacity, ozs.	1/4	1	1 1/2	3	5
Weight each, ozs.	1 1/2	4	5	7	11
Steel, Each	\$0 10	0 12	0 14	0 21	0 34
Brass, Each	\$0 24	0 36	0 46	0 72	1 26

One dozen in box.



Penberthy Samson; Screw Plunger; well made; substantial; polished cast brass; will stand any amount of hard usage.

Numbers	800	801	803	805
Capacity, ozs.	1/2	1	2 1/4	4 3/4
Outside diameter, inches	1 1/4	1 1/4	2 1/4	2 3/4
Connection	1/4	1/4	1/4	1/4
Wt. each, ozs.	7	9	20	32
Each	\$1 70	2 04	3 06	4 16

Dozen in box.



Penberthy Siles; Automatic Spring Compression; especially for slides, journals, eccen. rics and crank pins of traction or portable engines. Positive automatic feed, requiring no attention except to refill; feed screw in hexagon regulates flow of grease; may be adjusted to feed any kind.

Numbers	901	903	905
Capacity, ozs.	1	2 1/4	4 3/4
Outside diameter, inches	1 1/4	2 1/4	2 3/4
Connection, inches	1/4	1/4	1/4
Weight each, ozs.	9	20	32
Each	\$2 54	3 62	5 00

Dozen in box.

## Lubricators



No. 400—Polished brass; wood wheels; fitted with cock and tube; valve seats are carefully ground tight to guard against leakage; a satisfactory type of lubricator for traction or stationary engines and for steam pumps, etc.

Size, Numbers	3	4	5
Capacity, ounces	2 1/2	4	5
Diameter, inches	2	2 1/4	2 1/2
Pipe thread, inches	1 1/2	2	2 1/2
Weight each, lbs.	1 1/2	2	3 1/2
Each	\$6 90	7 30	8 70

One in box.



Polar Single Connection; polished brass; sight feed; carefully assembled and tested and built principally for outdoor service on traction and portable engines, hoisting, engines steam pumps, etc.

Capacity, Pints	3 1/2	1
Pipe thread, inches	1 1/2	1 1/2
Weight, each, lbs.	7	8 1/2
Each	\$19 60	23 60

One in box.



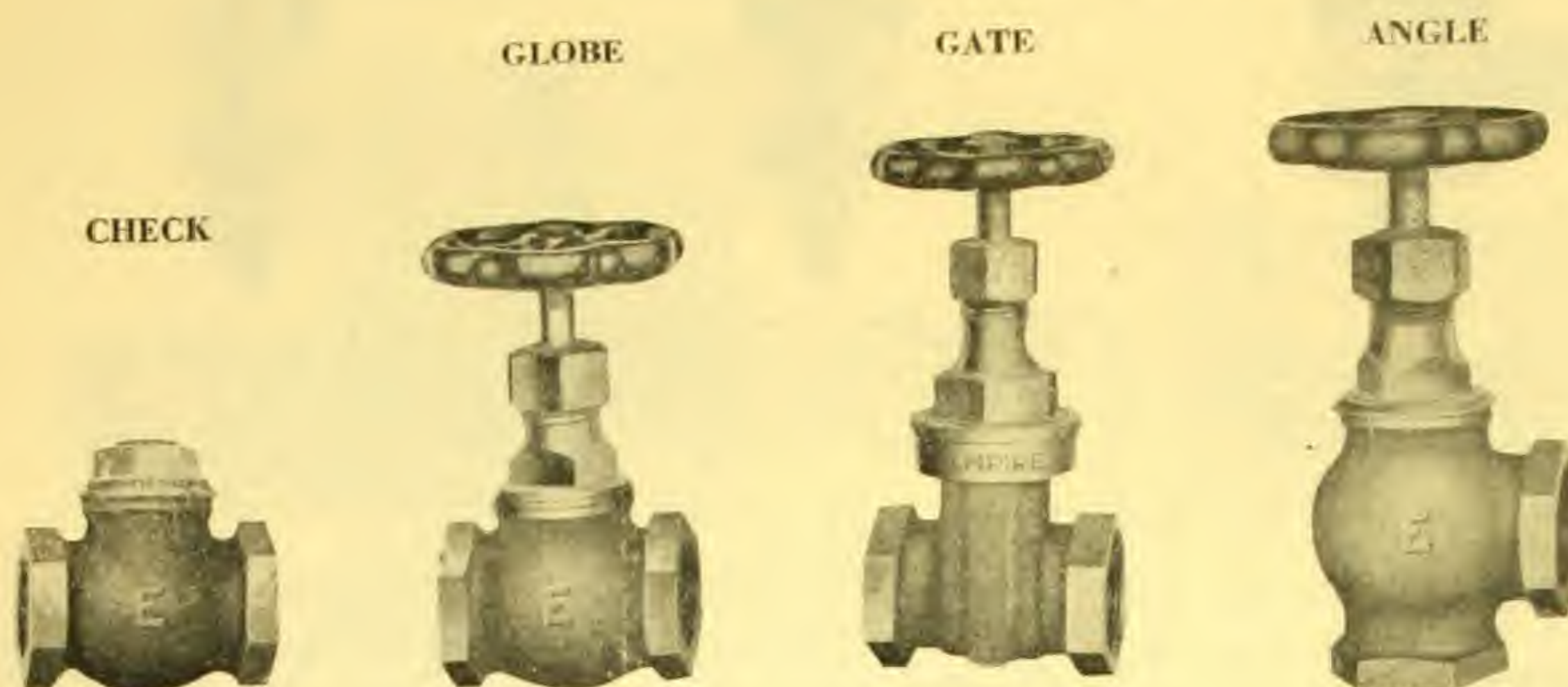
Peerless Double Connection; sight feed; will work well with heavy oils in cold weather as circulating live steam keeps the oil in a liquid condition. The filler opening is funnel shaped and permits use of a large spouted can in filling, polished brass throughout.

Capacity, Pints	1 1/2	1	2
Pipe thread, inches	1 1/2	1 1/2	1 1/2
Weight each, lbs.	9	14	22
Each	\$25 30	30 70	38 00

One in box.



## Standard Brass Valves



## DISCOUNTS

CHECK	.....
GLOBE	.....
GATE	.....
ANGLE	.....

Brass seat, screwed ends, rough body, polished mountings, iron wheel, packing nut; satisfactory for water, air, steam or oil under all ordinary conditions of pressure.

Size pipe, inches	1/8	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2
Weight, check valve, lbs.		1/2	3/4	1	1 1/4	2	3	4	7 1/2
Manufacturers' list, check valve. Each		65	70	90	1 15	1 60	2 25	3 15	4 75
Weight Globe valve, lbs.	3/4	7/8	1	1 1/2	2 3/4	3 1/4	5	6 3/4	11
Manufacturers' list, Globe valve. Each	72	72	77	1 00	1 26	1 80	2 52	3 50	5 30
Weight Gate valve, lbs.				1 1/2	2 3/4	3 1/4	5	6 3/4	11
Manufacturers' list Gate valve. Each				1 65	2 05	2 80	3 70	5 00	7 30
Weight Angle valve, lbs.	3/4	7/8	1	1 1/2	2 3/4	3 1/4	5	6 3/4	11
Manufacturers' list Angle valve. Each	72	72	77	1 00	1 26	1 80	2 52	3 50	5 30

## Jenkins Brass Valves



## DISCOUNTS

DISCS	.....
CHECK	.....
GLOBE	.....
ANGLE	.....

Jenkins Valves have removable composition discs as shown below, which have a slightly yielding surface and are flexible enough to form a perfect contact with the valve seat. These discs can easily be renewed at any time. Other special features found in Jenkins valves are: the disc removing nut and nut lock, and the metal gland in the stuffing box. Designed and guaranteed for a working steam pressure of 150 pounds.

Size pipe, inches	1/8	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2
Weight Disc, ounces		1-12	1-12	1-11	1-6	1 1/4	1 1/2	2-3	1	1 1/2
Manufacturers' list, Disc. Each		.06	.08	.08	10	12	18	24	36	48
Weight Check valve, lbs.				1/2	1 1/2	2 3/4	3 1/2	5	8 3/4	
Manufacturers' list, Check valve. Each				1 30	1 90	2 60	3 60	5 00	7 50	
Weight Globe valve, lbs.	3/4	7/8	1	1 1/2	2 3/4	3 1/4	5	6 3/4	11	16 3/4
Manufacturers' list, Globe valve. Each	\$ 1 10	1 10	1 25	1 60	2 20	2 80	4 00	5 50	8 75	15 75
Weight Angle valve, lbs.	3/4	7/8	1	1 1/2	2 3/4	3 1/4	5	7	11	15
Manufacturers' list, Angle valve. Each	\$ 1 10	1 10	1 25	1 60	2 20	2 80	4 00	5 50	8 75	15 75



## Air Cocks



T Handle; Polished Brass; Nos. 6 and 7 have round shanks; Nos. 8 and 9, hexagon shanks.

Numbers	6	7	8	9
Pipe size, inches	1/2	3/4	1	1 1/2
Weight each, ozs.	2	2	4	6
Each	\$0.40	0.45	0.50	0.60

One dozen in box.



Lever Handle; Polished Brass; Numbers 12 and 13 have round shanks; numbers 14 and 15 hexagon shanks.

Numbers	12	13	14	15
Pipe size, inches	1/2	3/4	1	1 1/2
Weight each, ozs.	2	3	4	6
Each	\$0.55	0.60	0.65	0.75

One dozen in box.



T Handle; Male Ends; Polished Brass; hexagon shanks.

Numbers	18	19	20	21
Pipe size, inches	1/2	3/4	1	1 1/2
Weight each, ozs.	2	3	4	6
Each	\$0.55	0.65	0.75	0.90

One dozen in box.

## Flue Cleaners



Monarch Elliptic; best American steel; improved cutting edges; will remove scale without injuring tubes; easily adjusted and operated. By turning spindle it expands to fit tube as tight as desired.

Sizes, inches	1 1/2	2	2 1/2	3
Adjustable to tubes, inches	1 1/2 to 1 3/4	2 to 2 1/4	2 1/2 to 2 3/4	3 to 3 1/4
Takes pipe handle, inches	1 1/4	1 1/4	1 1/4	1 1/4
Length, inches	8	8	8	10
Mfr's List Each	\$2.00	2.00	2.50	3.00

Open Stock.



Engineer's Favorite; japanned finish; steel expanding stubs; malleable iron scraper; nuts, end cap and expander washers.

Sizes, inches	1 1/2	2	2 1/2	3
Adjustable to tubes, inches	1 1/2 to 1 3/4	2 to 2 1/4	2 1/2 to 2 3/4	3 to 3 1/4
Takes pipe handle, inches	1 1/4	1 1/4	1 1/4	1 1/4
Length, inches	5	9	10	10 1/2
Weight each, lbs.	1	1 1/4	1 1/2	2 1/2
Mfr's List Each	\$2.00	2.00	2.25	3.00

Open Stock.

## Turnbuckles



Stub End; Drop Forged Body; opening between heads six inches:

Diameter of steel ends, inches	3/8	1/2	5/8	3/4	7/8	1	1 1/4	1 1/2	1 3/4	2
Length with ends, inches	22	22	22	23	24	25	25	26	27	27
Weight each, with ends, lbs.	1	1 1/2	2 1/2	3 1/2	4 1/2	6 1/2	8 1/2	10 1/2	13	16
Mfr's List Each with ends	\$0.40	0.45	0.50	0.63	0.75	0.88	1.00	1.25	1.38	1.50

Open Stock.

## Wrought Iron Pipe



Standard Butt Weld Pipe for water, steam, or gas, tested to withstand a pressure of 600 pounds per square inch. All galvanized pipe is subjected to an air blast after galvanizing to prevent it becoming blocked with its spelter. Each length is threaded and supplied with one coupling and in random lengths. Pipe cut to exact length will be charged extra. Order by inside diameter as given below:

Inside diameter, inches	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	3 1/2	4
Outside diameter, inches	10	10.625	11.25	12.75	13.75	16.75	18.75	21.75	24.75	28.75
Thickness, inches	.068	.088	.091	.109	.113	.134	.140	.154	.204	.227
Threads per inch	27	18	18	14	14	11 1/2	11 1/2	11 1/2	8	8
Weight per foot	25	40	50	87	112	166	225	266	360	575
Length containing one cubic foot	2.513	1.383	.751	.472	.270	.167	.096	.070	.043	.030
Number of lengths in bundle	40	20	15	10	7	5	3	3	1	1
Approx. feet in bundle	560	300	300	200	140	100	60	60	20	20
Manufacturers' list. Black per 100 feet	\$5.50	6.00	6.00	8.50	11.50	17.00	23.00	27.50	37.00	58.50
Manufacturers' list. Galvanized, per 100 feet	\$5.50	6.00	6.00	8.50	11.50	17.00	23.00	27.50	37.00	58.50

NOTE—Net prices quoted on application.

We can also supply promptly larger sizes and heavier grades to special order and will advise delivery and quote prices on request.



## Malleable Iron Fittings

## ELBOWS



Standard; Beaded Pattern; Black or Galvanized.

Pipe size, inches	1/4	1/2	3/4	1	1 1/2
Weight per 100, lbs.	10	17 1/2	26	41 1/2	65 1/2
Black, Each	\$ .08	.13	.18	.19	.32
Galv. Each	\$ .12	.19	.26	.31	.53

Pipe size, inches	1 1/2	2	2 1/2	3	4
Weight per 100, lbs.	97	128	214	385	
Black, Each	\$ .55	.68	1.05	2.10	
Galvanized, Each	\$ .89	1.10	1.70	3.40	

## REDUCING ELBOWS



Black or Galvanized.

Pipe size, ins.	1 to 1 1/4	1 1/4 to 1 1/2	1 1/2 to 1 3/4	1 3/4 to 2	2 to 2 1/2	2 1/2 to 3
Wt. per 100, lbs.	16	22 1/2	38	60 1/2	60	60
Black, Each	\$ .11	.18	.26	.29	.42	.50
Galv. Each	\$ .17	.26	.39	.47	.63	.81

Pipe size, ins.	1 1/4 to 1 1/2	1 1/2 to 1 3/4	1 3/4 to 2	2 to 2 1/2	2 1/2 to 3	3 to 4
Wt. per 100, lbs.	91	144	106	178	196	
Black, Each	\$ .44	.63	.56	.97	.88	
Galvanized, Each	\$ .71	1.05	.91	1.60	1.45	

## 45-DEGREE ELBOWS



Black or Galvanized.

Pipe size, inches	1/4	1/2	3/4	1	1 1/2
Weight per 100, lbs.	12 1/2	24 1/2	33 1/2	54	
Black, Each	\$ .13	.19	.28	.50	
Galvanized, Each	\$ .19	.28	.42	.74	

Pipe size, inches	1 1/2	2	2 1/2	3	4
Weight per 100, lbs.	88	119	175	309	
Black, Each	\$ .75	.86	1.55	1.65	
Galvanized, Each	\$ 1.10	1.30	2.30	2.65	

## STREET ELBOWS



Black or Galvanized.

Pipe size, inches	1/2	3/4	1	1 1/2
Weight per 100, lbs.	27 1/2	49 1/2	65	102
Black, Each	\$ .22	.30	.35	.57
Galvanized, Each	\$ .32	.45	.58	.93

## TEES



Black or Galvanized.

Pipe size, inches	1/4	1/2	3/4	1	1 1/2
Weight per 100, lbs.	12	18 1/2	29 1/2	50 1/2	75
Black, Each	\$ .11	.18	.24	.27	.43
Galvanized, Each	\$ .17	.26	.36	.44	.70

Pipe size, inches	1 1/2	2	2 1/2	3	4
Weight per 100, lbs.	132	160	268 1/2	470	
Black, Each	\$ .74	.96	1.45	2.60	
Galvanized, Each	\$ 1.20	1.60	2.40	4.40	

## CROSSES



Black or Galvanized.

Pipe size, inches	1/4	1/2	3/4	1	1 1/2
Weight per 100, lbs.	24	31	64	92	
Black, Each	\$ .22	.32	.48	1.00	
Galvanized, Each	\$ .34	.48	.73	1.50	

Pipe size, inches	1 1/2	2	2 1/2	3	4
Weight per 100, lbs.	158	198	288		
Black, Each	\$ .79	1.15	1.80		
Galvanized, Each	\$ 1.30	1.90	3.00		

## COUPLINGS



Black or Galvanized; right hand.

Pipe size, inches	1/4	1/2	3/4	1	1 1/2	2	2 1/2
Weight per 100, lbs.	4 1/2	6 1/2	10 1/2	18	27 1/2	47 1/2	70
Black, Each	\$ .06	.06	.10	.18	.26	.30	.44
Galv. Each	\$ .09	.09	.14	.27	.38	.49	.71

## CAPS



Black Only.

Pipe size, inches	1/4	1/2	3/4	1	1 1/2	2	2 1/2
Weight per 100, lbs.	5	7 1/2	12 1/4	19 1/4	34 1/2	58	68
Galv. Each	\$ .04	.06	.13	.16	.30	.36	.59

## LOCK NUTS



Black or Galvanized

Pipe size, inches	1/4	1/2	3/4	1	1 1/2	2	2 1/2
Weight per 100, lbs.	4	5	8	10	18	27	38
Black, Each	\$ .03	.04	.06	.10	.15	.23	.17
Galvanized, Each	\$ .05	.06	.09	.14	.23	.34	.27

## PLUGS



Black Only

Pipe sizes, inches	1/4	1/2	3/4	1	1 1/2	2	2 1/2
Weight each, lbs.	1/2	1	1 1/2	2	3 1/2	5 1/2	8 1/2
Each	\$ .02	.02	.02	.03	.04	.05	.07

## REDUCING COUPLINGS



Black or Galvanized.

Pipe sizes, inches	1/4 to 1/2	1/2 to 3/4	3/4 to 1	1 to 1 1/2	1 1/2 to 2	2 to 2 1/2	2 1/2 to 3
Weight per 100, lbs.	6	11	15	22 1/2	34 1/2	46 1/2	68
Black, Each	\$ .13	.10	.15	.22	.40	.53	.81
Galvanized, Each	\$ .17	.14	.23	.33	.59	.81	1.10

## BUSHINGS



Black or Galvanized

Pipe size, inches	1/4 to 1/2	1/2 to 3/4	3/4 to 1	1 to 1 1/2	1 1/2 to 2	2 to 2 1/2	2 1/2 to 3
Weight per 100, lbs.	2	2 1/2	6	17	25	25	35
Black, Each	\$ .04	.04	.04	.05	.06	.06	.07
Galvanized, Each	\$ .08	.08	.08	.10	.12	.12	.14

Pipe size, inches	1 1/2 to 2	2 to 2 1/2	2 1/2 to 3	3 to 4	4 to 6	6 to 8
Weight per 100, lbs.	35	50	50	75	100	100
Black, Each	\$ .07	.09	.09	.14	.14	.21
Galvanized, Each	\$ .14	.18	.18	.28	.28	.42

## RETURN BENDS



Open Pattern; Black Only; Right Hand Threads

Pipe size, inches	1/2	3/4	1	1 1/2	2
Center to center, inches	1 1/2	2	2 1/2	3	4 1/2
Weight per 100, lbs.	41 1/2	81 1/2	133	191 1/2	314 1/2
Each	\$ .32	.50	.96	1.25	2.00

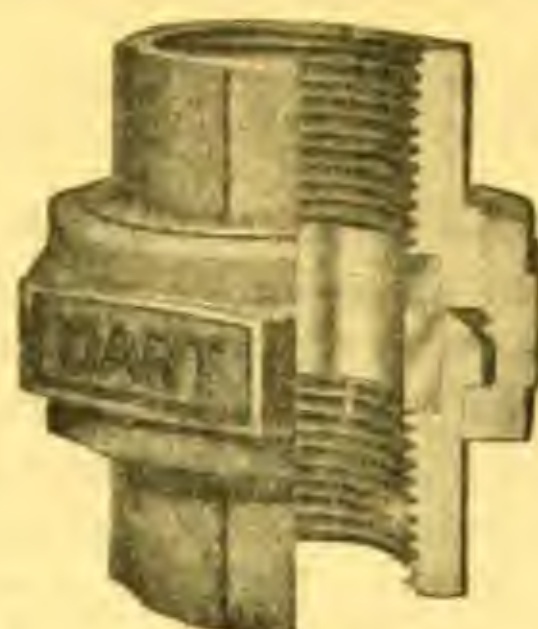


# Malleable Iron Fittings

## UNIONS



## DART UNIONS



## RAILROAD UNIONS



Black or Galvanized.

Pipe sizes, inches	1/2	3/4	1	1 1/4	1 1/2
Weight per 100, lbs.	12 1/2	25	37 1/2	50	75
Black m'frs list	.18	.18	.20	.22	.27
Galvanized, "	.27	.27	.30	.33	.40

Pipe size, inches	1	1 1/4	1 1/2	2	2 1/2
Weight per 100, lbs.	112 1/2	150	225	300	500
Black, m'frs list	.33	.46	.58	.75	1.55
Galvanized, "	.50	.70	.90	1.15	2.35

Black only; malleable iron; spherical bronze seat; joint of bronze against bronze; will not deteriorate; is tight even when pipe is out of alignment; no washers or gaskets required.

Pipe sizes, inches	1/2	3/4	1	1 1/4	1 1/2
Weight per 100, lbs.	25	33 1/2	50	75	75
Mfr's list, Each	\$0.30	.40	.50	.60	.60

Pipe sizes, inches	1	1 1/4	1 1/2	2
Weight per 100, lbs.	125	150	250	400
Mfr's list, Each	\$0.80	1.20	1.60	2.00

Black only; malleable iron; brass to iron seat; for steam working pressures up to 250 lbs. Tested to 250 lbs. hydraulic pressure and listed by the engineers of the National Board of Fire Underwriters.

Pipe sizes, inches	1/2	3/4	1
Weight per 100, lbs.	45	65	80
Mfr's list, Each	.50	.60	.80

Pipe size, inches	1 1/4	1 1/2	2
Weight per 100, lbs.	125	165	2.75
Mfr's list, Each	\$1.20	1.60	2.00

# Cast Iron Fittings

## ELBOWS



## FLANGE UNIONS



## TEES



### BLACK ONLY

Pipe size, ins.	3/4	1	1 1/4	1 1/2	2
Weight each, lbs.	3 1/2	5	10 1/2	15 1/2	25 1/2
Mfr's list, each	\$.06	.08	.10	.16	.28

### BLACK ONLY

Pipe size, inches	1	1 1/4	1 1/2	2	2 1/2
Diameter, inches	3 1/4	4 1/4	4 1/2	5 1/4	5 3/4
Number of bolts	3	4	4	4	4
Weight each, lbs.	2 3/4	3 1/2	4 1/2	7	7 3/4
Mfr's list, Each	\$.52	.64	.78	1.00	1.25

### BLACK ONLY

Pipe size, ins.	3/4	1	1 1/4	1 1/2	2
Weight each, lbs.	3 1/2	5	10 1/2	15 1/2	25 1/2
Mfr's list, each	\$.09	.12	.15	.23	.41

## STOP COCKS



## COMMON FLANGES



## FOOT VALVES



### BLACK ONLY

Pipe size, inches	1	1 1/4	1 1/2	2
Weight each, lbs.	3	4 1/2	6 3/4	10 1/4
Mfr's list, each	\$1.30	1.60	1.95	2.70

Cast Iron; Threaded; not drilled and not faced.

Pipe size, inches	3/4	1	1 1/4
Diameter, inches	4	5	5 1/2
Weight each, lbs.	1	1 1/4	1 3/4
Mfr's list, each	\$.22	.30	.30

Pipe size, inches	1 1/2	2	2 1/2
Diameter, inches	5	6	7 1/2
Weight each, lbs.	1 1/4	3	5
Mfr's list, each	\$.30	.42	.62

Cast Iron Body with strainer to prevent intake of such materials as clog the pipes. The valve retains the water in the section above and removes this load from the valves of the pump.

Size, inches	1	1 1/4	1 1/2	2
Weight each, lbs.	1 1/4	2 1/2	3 3/4	4 1/2
Mfr's list, Black, Each	\$1.30	1.40	1.90	2.40
Mfr's list Galvanized, Each	\$2.00	2.10	2.85	3.60

# Wrought Nipples

## CLOSE

### Right Hand Threads

Pipe Size, inches	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2
Length, inches	3 1/2	4 1/2	5 1/2	6 1/2	7 1/2	8 1/2	9 1/2
Black, manufacturers' List, Each	\$0.04	.04	.04	.05	.06	.08	.11
Galvanized, manufacturers' List, Each	\$0.06	.06	.06	.06	.08	.11	.17

## SHORT

### Right Hand Threads

Pipe size, inches	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2
Length, inches	1 1/2	1 3/4	2	2 1/2	2 3/4	3 1/2	4 1/2
Black, manufacturers' List, Each	\$0.04	.04	.04	.05	.06	.08	.11
Galvanized, manufacturers' List, Each	\$0.06	.06	.06	.06	.08	.11	.17

## LONG

### Right Hand Threads

Pipe size, inches	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2
Length, inches	2 1/2	3 1/2	4 1/2	5 1/2	6 1/2	7 1/2	8 1/2
Black, Manufacturers' List, Each	\$0.06	.06	.06	.07	.09	.13	.17
Galvanized, manufacturers' List, Each	\$0.11	.11	.11	.11	.14	.19	.29

ALL GOODS ON THIS PAGE OPEN STOCK



CLOSE



SHORT



## Cistern Pumps

PITCHER SPOUT



No. 1

Size, numbers	12	13	14
Cylinder, inches	3	3½	4
For pipe, inches	1 or 1½	1½ or 1¾	1¾ or 2
Weight, each, lbs.	27	30	35
Each	\$5.70	6.30	7.50

New Style Cistern Pumps with revolving top which permits the handle being set in any position to the spout for convenience in operation. The cylinders are bored and polished which insures smooth working and long service to the plunger leather. By raising the handle to the highest point the valves are tripped thus letting off the water to prevent freezing. Can be used with either lead or iron pipe but always supplied with connection for iron pipe unless otherwise ordered. Both Nos. 1 and 2 are of the same design and construction with the exception of the spout which is clearly shown in accompanying illustration.

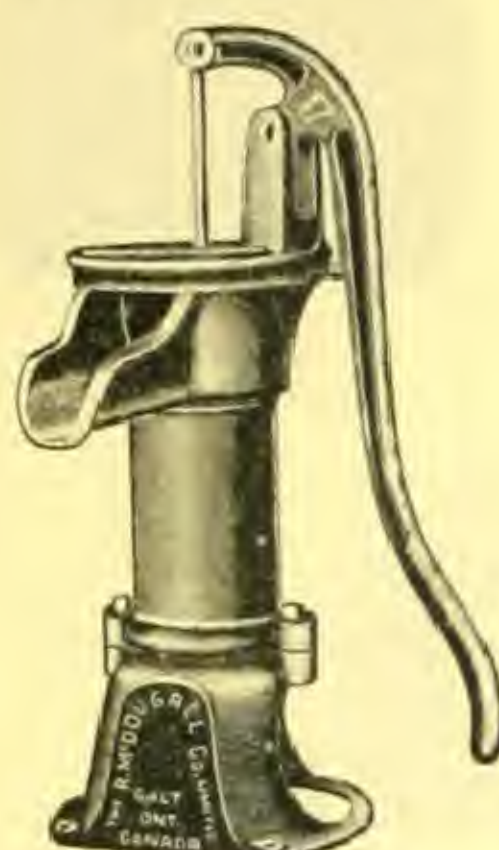
CLOSE SPOUT



No. 2

Size numbers	22	23	24
Cylinder, inches	3	3½	4
For pipe, inches	1 or 1½	1½ or 1¾	1¾ or 2
Weight each, lbs.	26	28	31
Each	\$6.18	6.80	8.12

PITCHER SPOUT



No. 303

A similar pattern to No. 1 shown above but having an extra long cylinder and greater capacity. A very complete and serviceable pump. For iron pipe only.

Size number	33	34
Cylinder, inches	3½	4
For pipe, inches	1½ or 1¾	1¾ or 2
Weight, each, lbs.	28	31
Each	\$7.50	8.90

CLOSE SPOUT



No. 5

A closed top sturdy pattern cistern pump with strongly bolted base and couplings below base level. It has ample reservoir space above spout to prevent overflow in fast pumping, other details of construction same as No. 2 shown above.

Size, number	52	53	54
Cylinder, inches	2½	2¾	3
For pipe, inches	1	1	1½
Weight each, lbs.	26	28	33
Each	\$7.60	8.80	9.50

PITCHER SPOUT



No. 1005

This pump is especially designed for cottage use, or where it is exposed to view. Being neat in design and more attractively finished than most other patterns, it has brass cylinder, nickel plated finish and other details same as No. 1 listed above.

Size number	1005
Cylinder, inches	3
For pipe, inches	1 or 1½
Weight each, lbs.	15
Each	\$10.00

## Force Pumps



No. 70

Size number	1006
Cylinder, inches	3
For pipe, inches	1 or 1½
Weight, each, lbs.	20
Each	\$12.00

No. 70 Cottage Force Pump, with brass cylinder, nickel plated finish, air chamber to which can be attached pipe for elevating water to second story, capped spout and bushed plunger. A moderate priced yet satisfactory force pump for household use.

No. 45—Solid bolted base, iron cylinder, force pump with air chamber having two outlets, one for driving off water at the pump, and the other for attaching pipe for elevating water to a higher level. The handle is long and provides ample leverage. The spout has attachment for connecting hose to be used for fire or other purposes.



No. 45

Size number	45
Cylinder, inches	3
For pipe, inches	1½ or 1¾
Weight, each, lbs.	56
Each	\$23.20



# Set Length Pumps

## SUGGESTIONS FOR INSTALLING THEM

Any pump standard provided with independent cylinder and enough pipe to place top of cylinder seven feet below base of pump is known as a "Set Length Pump." By use of this fixed set length the cylinder is placed below the frost line.

To prevent freezing, a small hole is drilled in set length pipe just above cylinder to drain water out of pipe after pumping. Care must be taken that this drain hole does not become clogged when pump is installed.

The set pump length is for use in wells 32 feet, or less deep; or in any place where the vertical suction lift does not exceed 25 feet. Set length pumps are very easy to install; it is necessary only to screw enough pipe into lower end of cylinder to reach to bottom of well. The distance from bottom of cylinder to top of water should not be over 25 feet. All pipe joints should be well threaded and screwed tight. Weight of pump and pipe should be carried by platform—not by suction pipe. Suction pipe should never rest on bottom of well. When pump is used in shallow well it is best to soak cylinder in water for an hour or so. This makes plunger leather swell and fit snugly to cylinder wall.

By lengthening pipe and lowering cylinder into or near water, this type of pump may be used in wells up to 200 feet deep, depending upon size of cylinder and construction of pump.

We recommend placing foot valve on end of suction pipe if cylinder cannot be submerged. The foot valve keeps cylinder and pipe below cylinder full of water at all times so that pump needs no priming. But if cylinder can be placed in water, the pump will always be primed and a foot valve unnecessary. We advise submerging cylinder when possible.



**Open Top Set Length Pump.**  
Iron cylinder set 3½ ft below platform with drain hole to let off water to prevent freezing. Fitted with patent sand valve attachment and can be used in drilled wells. Pipe connection is made just below the spout where the stock is threaded for that purpose. A suitable brace is supplied although not shown in illustration.

No. 8



**Close Top Set Well Pump.**  
Suitable for windmill use. It is very strongly built, well braced and can be easily changed from hand use to windmill connection as desired. Fitted for 1½ inch pipe which is connected immediately below the spout within the standard. The handle is of sufficient length to give good leverage and easy working. It is well braced as shown in cut.

No. 13



**Anti-Freezing Force Pump for wells to a depth of 200 feet.**  
Especially adapted for windmill use, strong and very serviceable. It is supplied with hose connection and can be used for fire fighting purposes. When installing for deep well use follow carefully the directions given above and lower the cylinder to the water level or below to get best results. The handle is weighted to make operation easy. Braced as shown in cut.

No. 323

Size numbers	81	82
Cylinder, inches	2½	3
For pipe, inches	1½	1½
Weight, each, lbs.	70	72
Each	\$19.20	19.20

Size numbers	131	132
Cylinder, inches	2½	3
For pipe, inches	1½	1½
Weight, each, lbs.	70	73
Each	\$20.20	20.20

Size, number	3231	3232
Cylinder, inches	2½	3
For pipe, inches	1½	1½
Weight, each, lbs.	108	110
Each	\$30.60	30.60

## THRESHER PUMP



No. 513

Figure 513 is a low down force pump designed primarily for filling tank wagons. It is double acting, has a 5 inch cylinder and is therefore very speedy. The cylinders are bored and polished, the valve seats are of brass, the plunger is solid with no valves to get out of order. Capacity 2 barrels per minute, a practical pump for fire protection, 2 inch intake at base of pump with overhead discharge. Pump can be drained by means of drip cocks in lower part of cylinder. Weight 100 lbs.

Each \$24.00



No. 120

## WING PUMP

Figure 120 Ideal Wing Pump of the double acting oscillating pattern. The piston and valves are brass and fit snugly in the cylinder. Lever handles can be operated in upright or horizontal position. Having no leather valves these pumps may be used for pumping hot liquids, oils, wine, etc. For best results do not place this pump more than 20 feet above water level.

Size number	0	1	2
For pipe, ins.	½	¾	1
Gals. per min.	5	7	11
Weight, each	12	15	18
Each	\$11.00	12.00	13.60
Size numbers	3	4	5
For pipe, inches	1	1½	1½
Gallons per minute	16	21	29
Weight, each	22	26	31
Each	\$15.60	20.00	24.00



No. 58

## PUMP CYLINDER

Figure 58 represents the standard in cylinder as used iron shallow wells or supplied with set length pumps. It is bored and polished, has iron valves and standard single leather plunger.

Size, inches	2½x14x12	3x14	
For pipe, inches	1½	1½	
Weight, each	12	13	
Each	\$5.85	6.30	
Size, inches	3½x14	3½x20	4x12
For pipe, inches	1½	1½	1½
Weight, each	14	16	15
Each	\$9.00	12.15	10.35

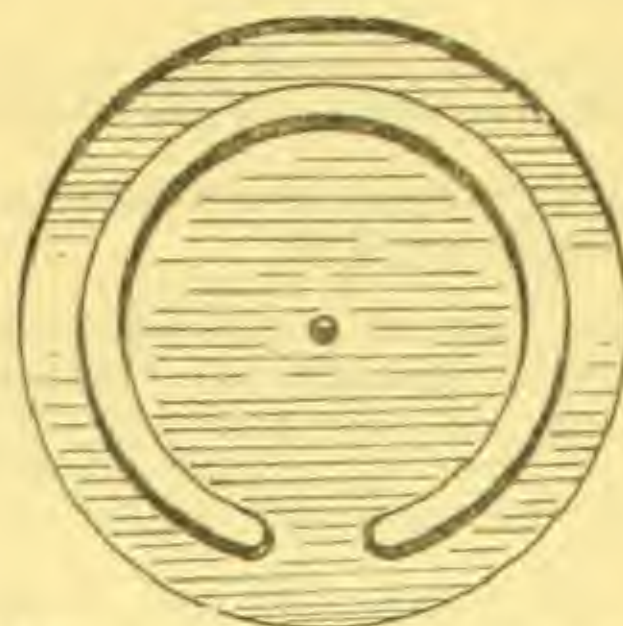


## Pump Parts



**Drive Well Point**—Malleable cast point with brass body and fine gauge lining to prevent section of sand under such conditions.

Pipe size, inches	1 1/4	1 1/2
Length, inches	24	24
Weight each, lbs.		
Each	\$3.00	4.20



**Valve Leather**—Cut from select leather stock

Diam. Cylinder, inches	
Valve Leather, Per dozen	
Plunger Leather, Per dozen	



**Plunger Leather**—Cut from select leather and cupped to fit cylinders.

2 1/2	3	3 1/2	4	4 1/2	5
\$2.10	2.50	3.30	3.90	5.00	10.00
\$2.80	3.70	4.60	5.70	8.00	13.50

One dozen in a box.

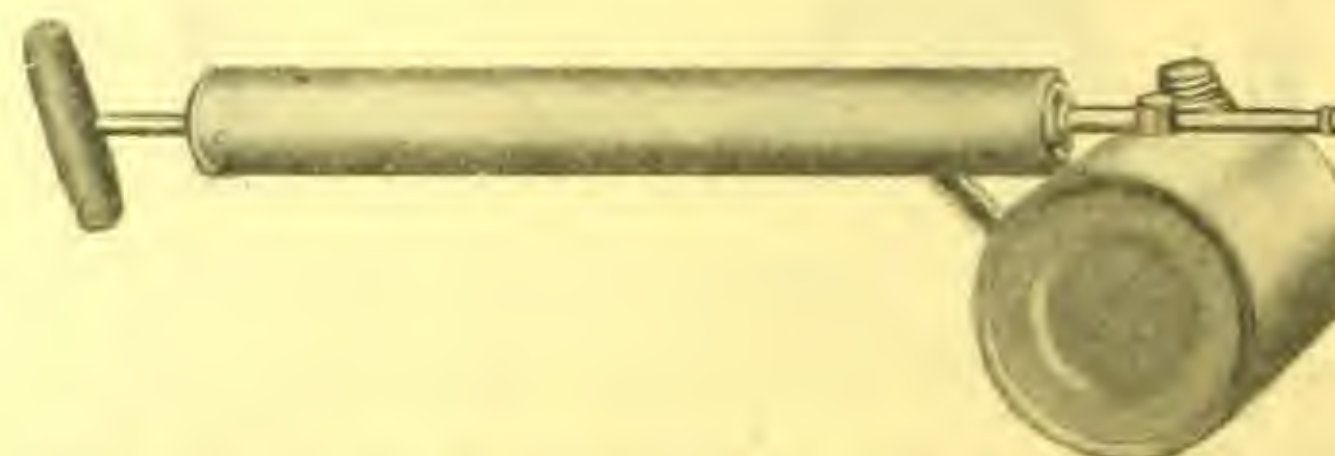
## Sprayers



**EUREKA**—Glass Tank Sprayer; equipped with a special zinc screw cap for use in filling with liquids which injure the rubber ring; solution does not come in contact with the rubber; gives fine spray; will not clog; length of barrel 20 inches; capacity of tank one quart; weight per dozen 24 lbs. Per dozen \$15.00  
Half dozen in a box.



**WRICO**—Tin Pump Sprayer, gives fine mist spray, will not tip over when set down. Capacity one quart. Length of barrel 14 inches; diameter of barrel 1 1/2 inches. Weight per dozen, 10 lbs. Per dozen \$12.00  
One dozen in carton.



**CONTINUOUS**—Heavy Tin Pump Sprayer, having steady blast on with up and down stroke of the plunger. Capacity of tank one quart. Length of barrel, 14 inches. Diameter of barrel, 1 1/4 inches. Weight per dozen, 16 lbs. Painted red. Per dozen \$17.00  
One dozen in carton.



**No. 105—Spramotor Wheel Outfit**; consists of a half barrel mounted on strong iron wheels with 1 1/4 inch tires; a push handle and rear rest is provided as illustrated; the pump is most satisfactory type for painting, spraying, whitewashing and other such purposes, it is of ball valve construction durable and dependable; five feet of 1/2 inch hose with one nozzle, patent hand valve, and iron extension rod are supplied; a one man outfit for garden, orchard and general use. Each \$70.00



**No. 104—Spramotor Portable Outfit**; five gallon galvanized iron can with side handles; junior No. 0 spramotor pump with ten feet of 1/2 inch hose, with brass couplings, hand valve, patent painting nozzle and one 8 foot extension pipe; a satisfactory outfit for spraying, whitewashing, painting, etc. Each \$38.00



## Wheelbarrows

### GARDEN



- No. 3—Removable Sides; double frame; painted; striped and varnished; braced and bolted; steel wheel, 16½ inches in diameter; knocks down for shipment. Weight each, 49 lbs. Each ..... \$12.69
- No. 4—Solid Sides otherwise as above ..... \$13.80

### MORTAR



- No. 6—Crown Mortar Barrow, Riveted Steel Tray; with edge rolled over ¼ inch round iron; capacity 3½ cubic feet; wood frame extends past wheel for end or side dumping; the legs are channel iron well braced and bolted to frame; the wheel is 16½ inches in diameter with 1½ x ¾ inch tire and ¾ inch axle; wood parts painted red and metal parts finished in black japan; weight each 65 lbs. Each ..... \$17.00
- No. 6A—Sterling as above but with self Lubricating wheels ..... \$18.50
- Open Stock.

### STEEL TRAY



- Comet Stamped Steel Tray; tray of one sheet; no joints; screws or rivets; edge bound over heavy rod; handles, legs and braces of hardwood, well bolted and braced; 16½ inch steel wheel; load 4½ cubic feet. Weight each, 40 lbs. knocks down for shipment. Each ..... \$12.00

### CONCRETE



- No. 10—Crown Concrete Barrow; similar construction to No. 6 described above, but having a larger tray; capacity 4½ cubic feet. The straight front of this tray prevents spilling when in motion. Weight each 75 lbs. Each ..... \$18.00
- No. 10A—Sterling as above but with self Lubricating wheels. Each ..... \$20.00
- Open Stock.

### STEEL WHEELBARROW WHEELS



- No. 3—Meaford; steel tire; steel spokes cast in solid hub and axle; two side bearings supplied with each wheel; height 16½ inches; tire 1½ x ¾ inches; spokes ½ inch; axle ½ inch; hub 6 inches; weight each 15 lbs. Each ..... \$4.30
- Open Stock.

### TUBULAR



- No. 7B—Tubular Frame Barrow; all steel construction; tray of one piece stamped steel 29 inches wide by 36 inches long at the top, and 5 inches deep at the handles by 8 inches deep at the wheel; capacity 3½ cubic feet; made of 15 gauge steel; tubular steel handles extend beyond wheel for front dumping; the wheel is 16½ inches in diameter and has 1½ x ¾ inches tire and ¾ inch axle; all black finish; weight each 70 lbs. Each ..... \$20.50
- Open Stock.

## Hand Trucks



- No. 600—Handy Truck; selected hardwood frame 16 inches long by 17 inches wide at upper bar and 12 inches wide at the nose. Ironed as shown in cut; wheels are 5½ inches in diameter with 1¼ inch face; a handy truck for bags, boxes, garbage, etc.; varnished on natural wood finish; weight, each, 30 lbs. Each ..... \$11.10
- Open Stock.



- No. 104—Warehouse Truck; best 2nd growth hickory or ash; securely fitted and half ironed; nose piece is one solid piece extending half way up handles on each side; four cross braces as shown in cut; feet are securely braced and bolted to the frame; the wheels are mounted inside the frame and are of ample size and strength for the various loads; oiled and varnished finish.

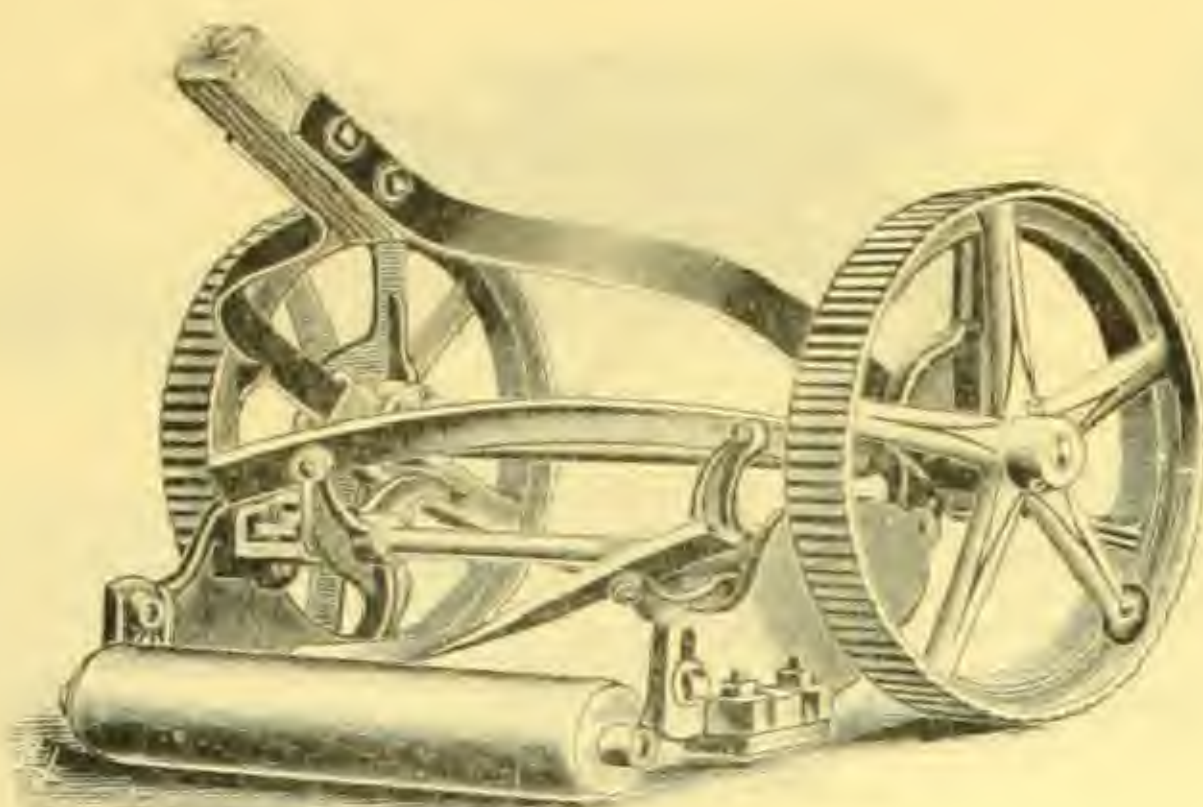
Size, number	1	3
Length of handle, inches	47	56
Width at nose, inches	19	22
Diameter of wheel, inches	6½	8¼
Weight each, lbs.	46	77
Each	\$17.50	29.30

Open Stock.



## Lawn Mowers

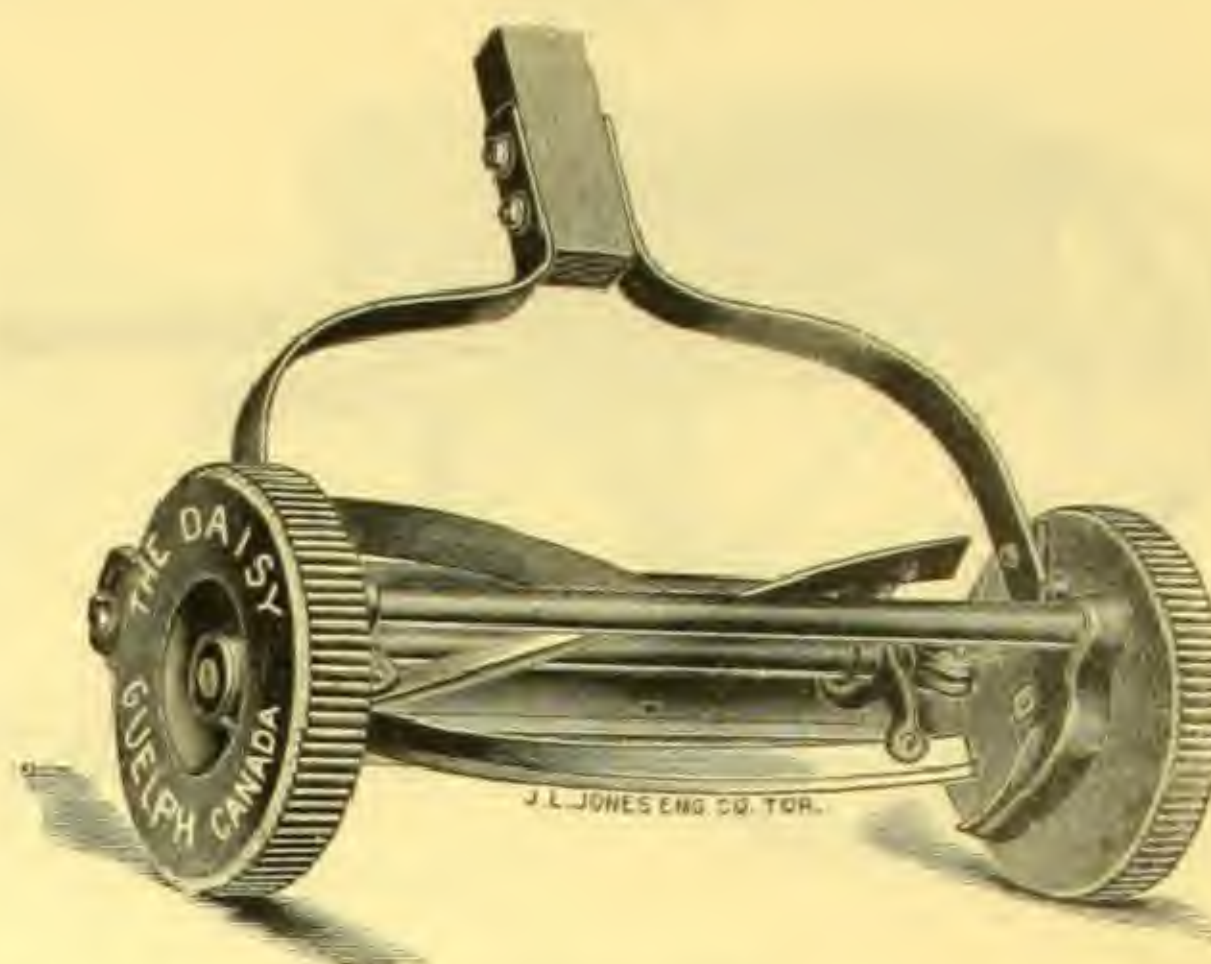
STAR



STAR—Plain bearing; Three blade cylinder which is  $5\frac{1}{2}$  inches in diameter; Nine inch drive wheels; high grade steel blades and knife. Adjustment provided for by set screws. Green enamelled finish.

Size cut inches	12	14	16
Weight, boxed, lbs	34	36	38
Each	\$14 56	15 60	16 66

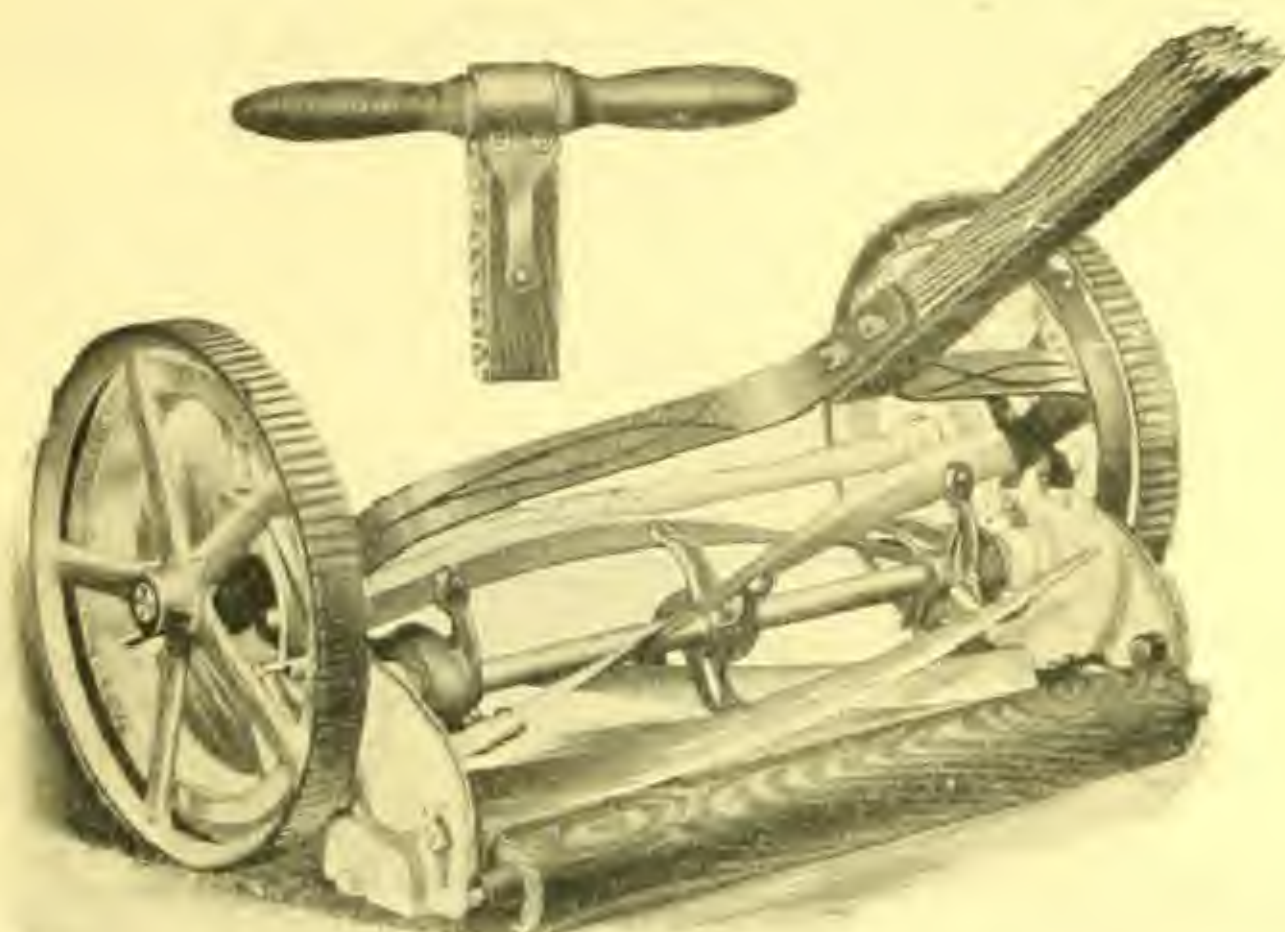
DAISY



DAISY—Plain bearing; Three blade; Seven-inch solid drive wheel; specially treated pawls and pinions. Green enamelled finish.

Size cut inches	12	14	16
Weight, boxed, lbs	30	35	40
Each	\$12 98	13 50	13 80

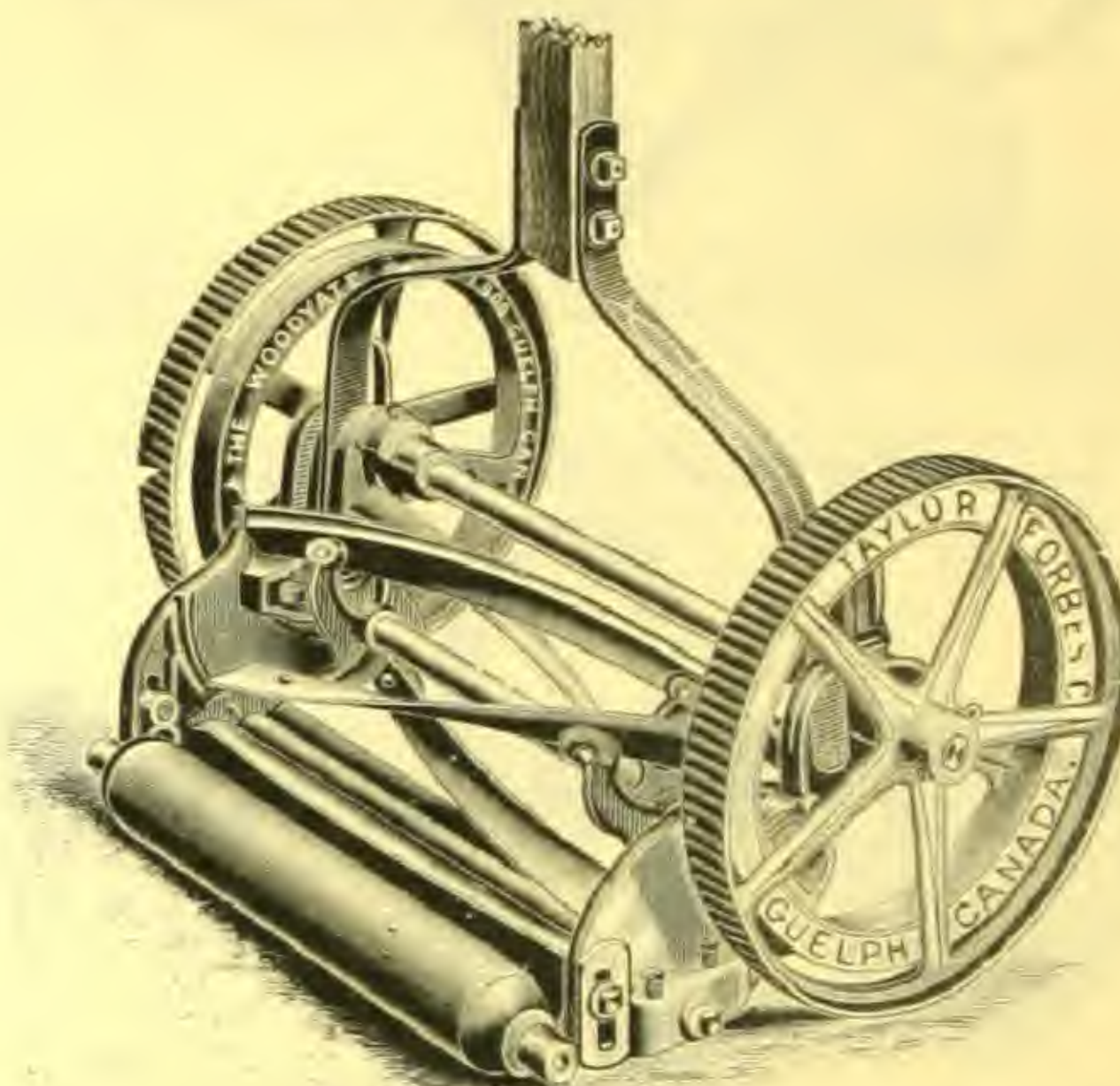
EMPRESS



EMPRESS—Ball Bearing; Four blade,  $5\frac{1}{2}$  inch cylinder; Drive wheels  $10\frac{1}{2}$  inches diameter; Special oil tempered knives; Ball Bearings are dust proof. The easiest running-mower made and one that will give a lifetime of satisfactory service. Cream enamelled finish with gold trimming.

Size cut inches	12	14	16	18
Weight, boxed, lbs	42	44	46	48
Each	\$21 00	22 06	23 26	24 30

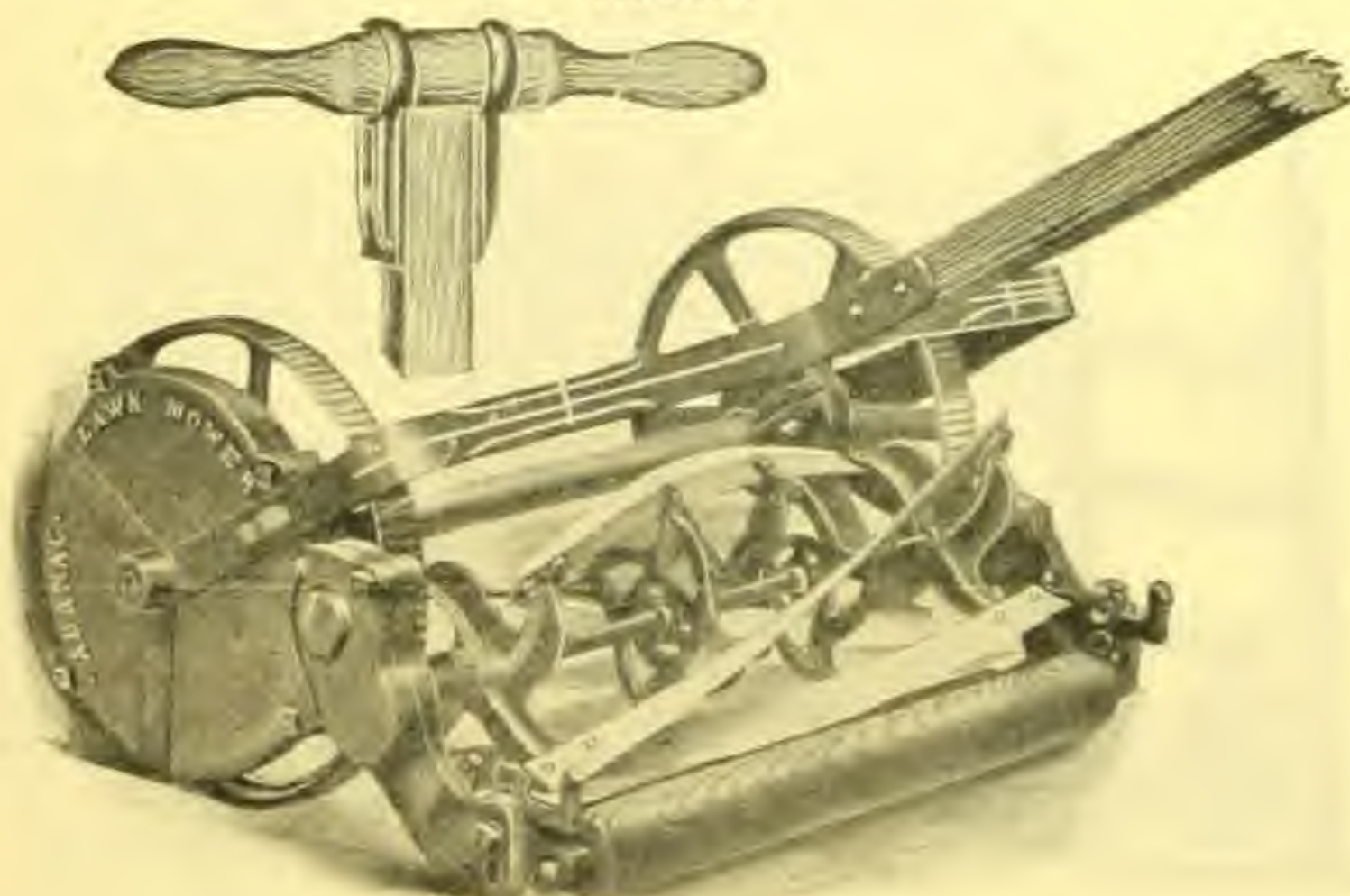
WOODYATT



Woodyatt—Plain bearing; Four blade cylinder  $5\frac{1}{2}$  inches diameter; Drive wheels  $10\frac{1}{2}$  inches high. Direct drive gears, easy running; smooth cutting and easily adjusted. Wheels and frame green and aluminum finish; cylinder gold bronzed.

Size cut, inches	12	14	16	18
Weight, boxed, lbs	42	44	46	48
Each	\$16 88	18 00	19 14	20 26

ADANAC



ADANAC—Four blade cylinder;  $10\frac{1}{2}$  inch drive wheels, and equipped with a train of gears which insure smooth, steady and easy running. The blades are of high grade crucible steel securely riveted to cylinder; gears are tightly enclosed to prevent dirt or moisture reaching the working parts.

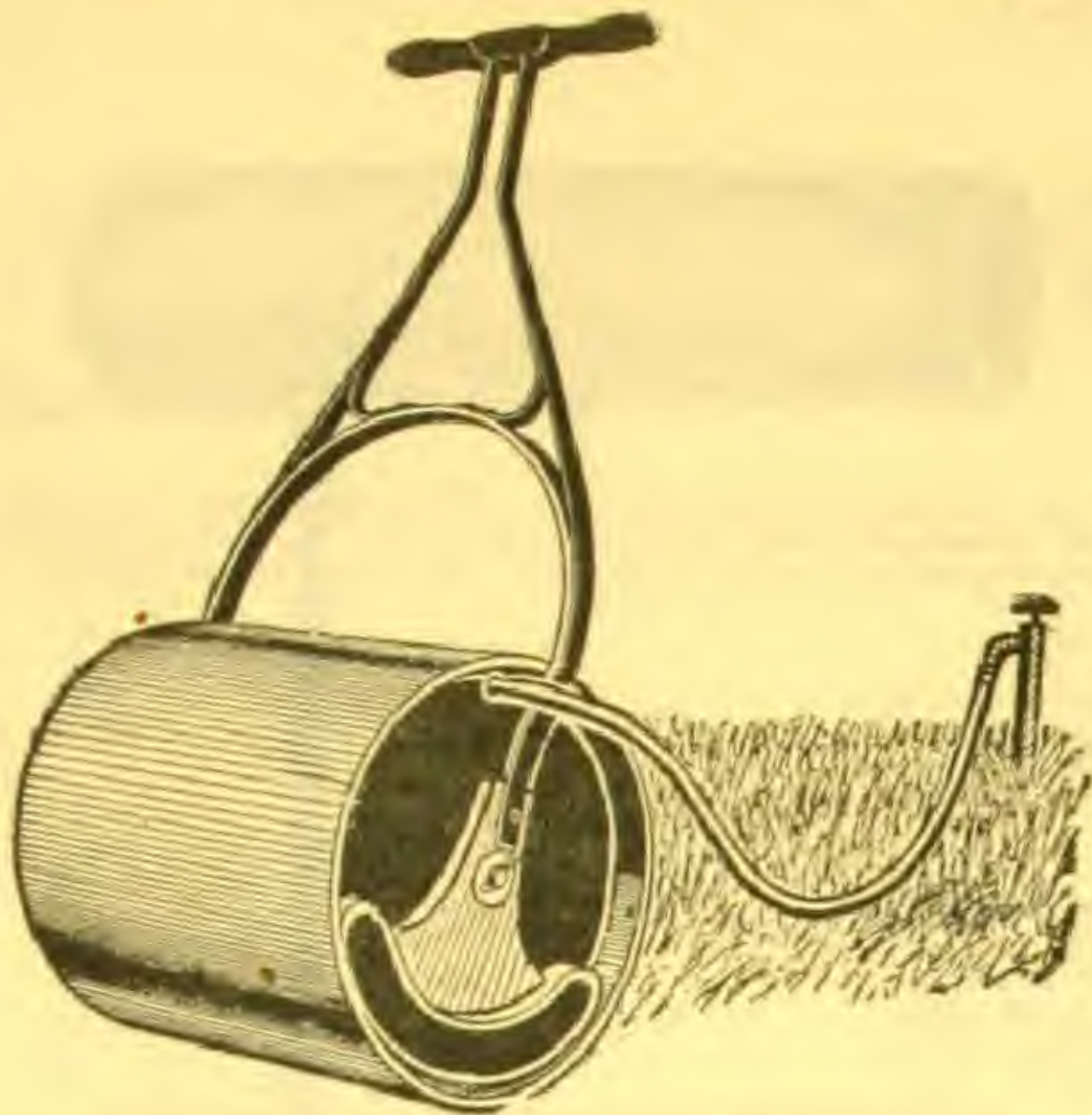
This is the most popular mower on the market for large lawns, tennis courts, parks, or other places where a speedy hand machine is required. Green and Red enamelled finish.

Size cut, inches	17	19	21
Weight, boxed, lbs	66	72	78
Each	\$36 90	43 50	47 26

All above packed one in box—Handles half dozen in crate



## Lawn Rollers



**Water Ballast.**—One section drum; rolled rim; upright handle. Can be easily regulated as to weight and is very light running.

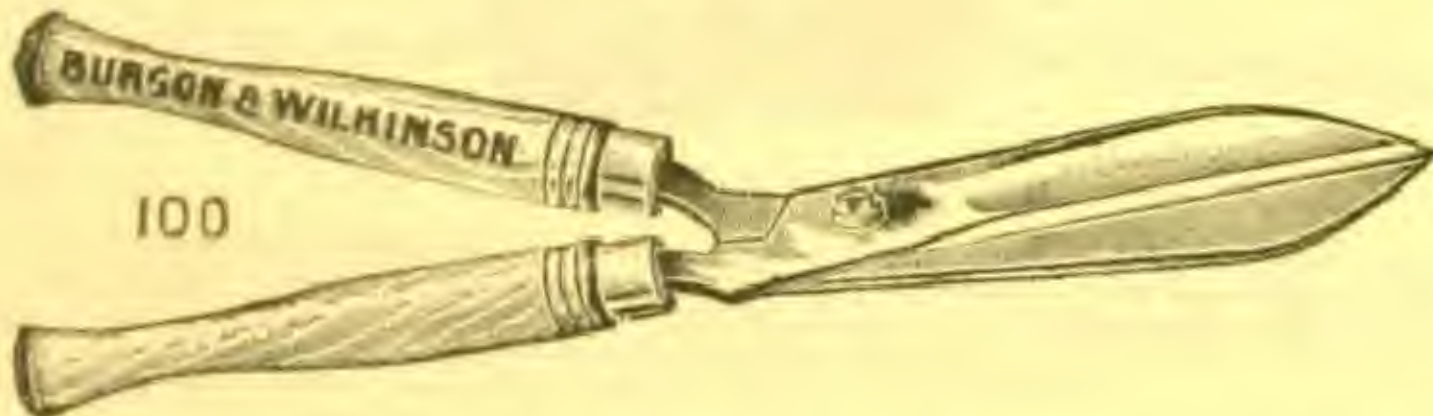
Number.....	201	202
Length, inches.....	24	24
Diameter, inches.....	18	24
Weight filled with water, lbs.....	360	560
Weight filled with sand, lbs.....	560	860
Weight empty, lbs.....	135	185
Each.....	\$39.00	49.60

## HEDGE SHEARS



No. 107—Ladies Hedge Shear; Crucible Steel Blades; heavy bolt with spring washer and adjustable nut; forged steel offset shanks; varnished handles; heavy ferrules.  
Length of cut, inches..... 5  
Length over all, inches..... 13  
Weight each, lbs..... 1 1/2  
Each..... \$2.80

Open Stock.



No. 100—Forged Crucible Steel Laid Blades; with offset shanks; varnished hardwood handles; heavy steel ferrules; bolt has spring washer and hexagon nut.  
Length of cut, inches..... 8 9  
Length over all, inches..... 22 24  
Weight each, lbs..... 2 1/2 3  
Each..... \$2.80 3.20

No. 101—Heavy Forged Crucible Steel Blades; with notch for cutting branches; offset shanks; varnished handles; heavy steel ferrules; heavy bolt with spring washer and hexagon nut.  
Length of cut, inches..... 8 9  
Length over all, inches..... 22 24  
Weight each, lbs..... 2 1/2 3  
Each..... \$3.20 3.60

Open stock.



No. 106. Forged crucible steel blades; long handles; length of blades 9 inches; length of handles 36 inches; weight 5 1/4 lbs. Each \$1.80  
Open Stock.

## Lawn Trimmer



**Dominion Lawn Trimmer and Edger;** for trimming along walks or around beds, etc., the long grass that a mower does not reach. Three blade cylinders. 7 inch drive wheel, enclosed gears, cylinder adjustment. Weight 20 lbs.  
Each..... \$13.50  
One in crate.

## GRASS CATCHERS

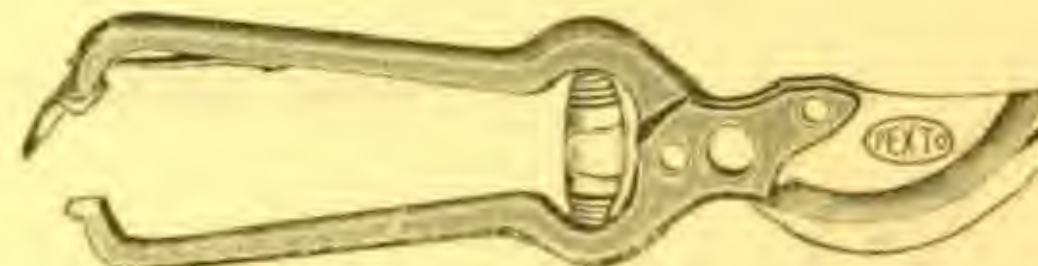


Grass Catcher; Canvas; Adjustable; Rust proof metal paint.

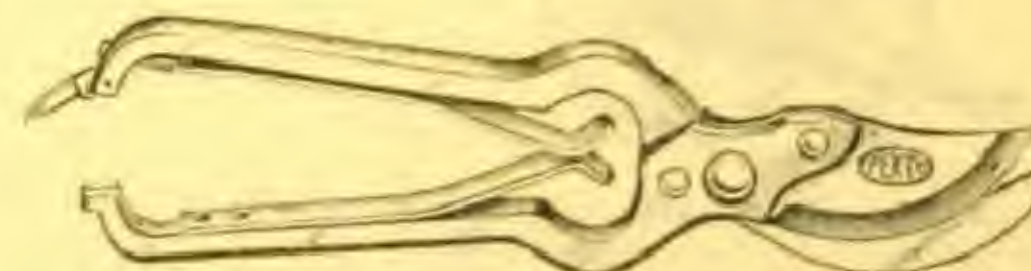
Number	10	20	120
For mowers, cutting, inches	12 to 14	16 to 18	19 to 21
Weight per dozen, lbs.....	15	17	
Per dozen.....	\$1.90	2.26	1.88

Open Stock.

## PRUNING SHEARS



No. 50—9 Inch, California Pattern; Polished tempered tool steel blade. Riveted to head. Volute Spring; end fastening clip; dead black finish; malleable iron head and handles. Weight per dozen, 10 1/2 lbs.  
Per dozen..... \$22.80



No. 60—9 Inch, California Pattern; highest grade; polished and tempered tool steel blade riveted to head. Double flat brass springs; malleable head and handles; with end fastening clip. Dead black finish. Weight per dozen, 12 lbs.  
Per dozen..... \$26.88  
Half dozen in box.



## Garden Hose



**Banner**—Represents what is commonly known as sheeting construction. Will give a splendid account of itself in light work. Reliable for lawn and garden use. In 50 foot lengths without couplings.

Size, inches	1 1/2	2	2 1/2	3
Thickness, ply	3	3	4	4
Weight per 100 feet, lbs.	22	30	30	40
Per 100 feet	\$17.00	23.00	19.00	25.00



**Peerless**—Is a thoroughly substantial hose and widely popular, especially for florists' and greenhouse work. Has an extra heavy, durable cover and will render highly satisfactory service at all times. In 50 foot lengths without couplings.

Size, inches	1 1/2	2	2 1/2	3
Thickness, ply	4	4	4	4
Weight per 100 feet, lbs.	30	40	50	50
Per 100 feet	\$34.20	42.20	57.00	



**Ideal**—A splendid and special type of hose with a very effective protective covering. Shows its class in any capacity where there is necessarily considerable banging round, and the possibility of the hose being trampled on. In 50 foot lengths without couplings.

Size, inches	1 1/2	2
Thickness, ply	4	4
Weight per 100 feet, lbs.	48	60
Per 100 feet	\$25.00	34.00



**Hercules**—A high-grade, two-ply, seamless braided fabric hose with a specially tough, corrugated rubber cover. Is particularly suitable for garden and florists' work, or in any capacity where the demands are exceedingly exacting. A special feature of this hose is that it is manufactured in 500-foot lengths, which allows the cutting of any length required without waste. Will not kink.

Size, inches	1 1/2	2
Thickness, ply	2	2
Weight per 100 feet, lbs.	22	40
Per 100 feet	\$25.00	32.00

## STEAM HOSE



**Reliance**—For steam, or hot water use; five ply of heavy duck, vulcanized and covered inside and out with a thick coating of black rubber. Will stand pressure and heat and give good service for all steam purposes.

Size, inches	1	1 1/2
Thickness, ply	5	5
Weight per 100 feet, lbs.	57	70
Per 100 feet	\$112.00	136.00

## SUCTION HOSE

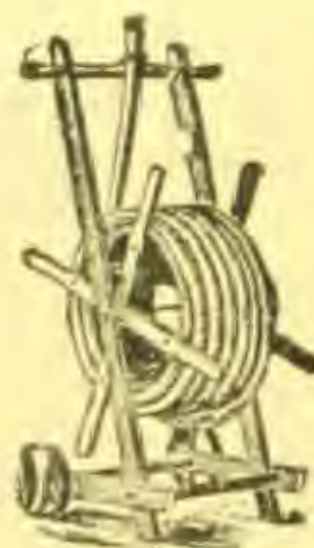


**Record**—Galvanized Flat wire lining; heavy woven duck walls vulcanized, and coated inside and out with black rubber, inside diameter, 2 inches; weight per foot, 1 1/2 lbs. Per foot \$1.10

## HOSE REELS



**No. 10**—Electric Weld; All Steel; only three parts; no bolts, screws or rivets; patented; wheel diameter, 21 1/2 inches; drum diameter, 9 inches; width between wheels, 10 inches; length of handle, 28 inches; black japan finish; holds 100 feet garden hose. Weight each, crated, 17 lbs. \$6.00  
**No. 20**—Same as No. 10 but with rest wheels for moving easily. Each \$9.60  
 Open Stock



**Buck Eye**—Selected hardwood; oiled finish; with iron wheels; holds 100 feet of hose. Length 38 inches; weight each 10 lbs. Each \$2.30  
 Open Stock

## HOSE WASHERS



**Hose Washers**—Cut from pure rubber; the same size is required for 1/2, 3/4 or 1 inch hose couplings. Per pound \$1.50  
 Open Stock



## Lawn Sprinklers



**Colorado**—Three arm sprinkler with long stand mounted on sled base which can be pulled around the lawn where desired. The arms are brass, nickel plated finish mounted on revolving head. Height 20½ inches; weight per dozen, 72 lbs.

Per dozen ..... \$66.00

Half dozen in box.



**PLUVIUS**—Three brass arms mounted on medium height stand 12 inches high over all; base of malleable iron sled pattern; head is ball bearing and works readily under low pressure; arms are nickel finish; head and stand enamelled red and base black. Weight per dozen, 40 lbs. Per dozen, \$36.00

Half-dozen in box.



**ROSE**—Perforated bulging face; giving a well distributed spray; substantially constructed of brass; ½ inch hose connection; face measurement 2½ inches diameter.

Per dozen ..... \$8.00

One dozen in display box.



**MIDGET**—Three Arm Sprinkler; of low design being 3 inches high; the arms are brass, nickel finish; stand and base red enamelled; base is of malleable iron, sled pattern; weight per dozen 30 lbs. Per dozen ..... \$27.60

Half dozen in box.



**RING**—Constructed of sheet brass throughout; and so strongly made as to stand any water system pressure. A fine misty spray is delivered from two rows of holes in such a way as to cover large area. Diameter, 8 inches; hose connection, ½ inch. Weight per dozen, 11 lbs. Per dozen ..... \$19.20

Half-dozen in display box.

## HOSE NOZZLES



OPEN



CLOSED

**GEM**—A popular medium priced nozzle giving spray, stream or can be closed as shown above. Polished cast brass construction supplied with washers and for ½ inch hose connection; weight per dozen, 5½ lbs. Per dozen ..... \$14.00

One dozen in box.



**MAGIC**—For fine spray or solid stream as desired or can be shut off entirely by means of the key. For stream remove the screw tip and turn key full on. ½ inch hose connection. Weight per dozen, 6½ lbs. Per dozen ..... \$22.50

One dozen in box.

## HOSE CLAMPS AND COUPLINGS



SURE GRIP HOSE CLAMP

**Sure Grip Hose Clamp**—Galvanized sheet steel, with galvanized bolt.

For hose, ins.	1	1½	2	2½	3	4
Wght, per doz.	1	1½	2	2½	3	4
Per dozen	\$0.70	0.80	1.50	2.70	3.30	4.40

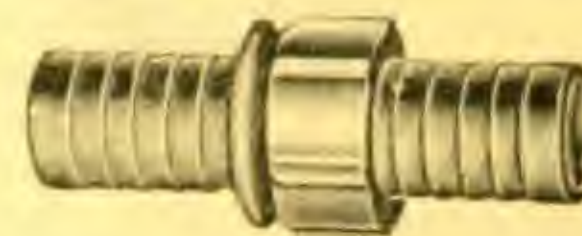
Open stock.



**Hose Menders**—Cast iron, galvanized finish.

For Hose, inches	1	1½	2
Weight per dozen, lbs.	2	3	4½
Per dozen	\$1.90	2.20	2.90

Open stock.



**Hose Couplings**—Cast brass, rough finish.

For Hose, inches	1	1½	2
Weight per dozen, lbs.	3	4	6
Per dozen	\$3.00	3.00	5.50

Open stock.



## Garden Trowels



No. 00—Black steel blade 6 inches long, hardwood handle, length over all 11½ inches. Weight per dozen 3½ lbs.

Per dozen \$2.00

One dozen in box



No. 2—Socket Steel blade; 5½ inches long; hardwood handle; length over all 12½ inches, finished in red enamel with varnished handle weight per dozen 6½ lbs.

Per dozen

\$3.40

Half dozen in box



No. 4—Socket Steel blade; 5½ inches long; red enamelled; varnished hardwood handle; length over all 19 inches. Weight per dozen 8 lbs.

Per dozen

\$5.70

Half dozen in box

## LAWN SPUDS



No. 12—Dandelion spuds; heavy steel blades 3½ inches long, hardwood handle; length over all 8 inches. Weight per dozen 2 lbs.

Per dozen

\$3.00

One dozen in box

## GARDEN FORK



No. 40—Four prong; twisted tine; socket handle; tines 5 inches long; length over all 13½ inches. Weight per dozen 6 lbs.

Per dozen

\$9.20

## TRANSPLANTING TROWEL



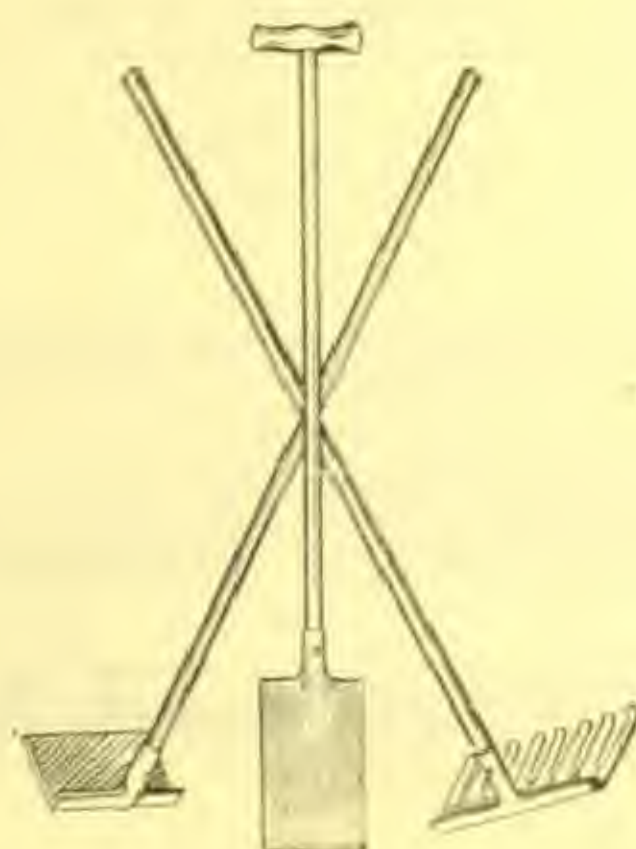
No. 11—Transplanting trowel; 5 inch steel blade; shank handle; 10½ inches over all; weight per dozen 3½ lbs.

Per dozen

\$2.70

One dozen in box

## GARDEN SETS



No. 15—Three piece; contains rake, spade and hoe; length over all 24 inches; pressed steel; enamelled in assorted colours; weight per dozen sets 15 lbs.

Per dozen sets

\$12.00

No. 14—Three piece; contains rake, spade and hoe; length over all 30 inches; pressed steel; enamelled in assorted colours; hardwood handles; weight per dozen sets 23 lbs.

Per dozen \$16.00

Open stock



No. 4 G.S.—Four piece; contains rake, spading fork, hoe and spade; all first quality forged steel tools; polished finish; weight per set 5 lbs.

Per dozen sets \$52.80

The above tools are also sold separately as below.

No. G.R.8—Rake per dozen \$8.80  
No. G.F.S.F.4—Spading fork, per dozen \$15.60  
No. G.H.4½—Hoes per dozen \$13.20  
No. G.S.—Spade, per dozen \$15.20

Open stock

## GRASS AND SHEEP SHEARS



No. 1360—Half Black Finish; Length Blade 5½ inches; full length 12 inches. Weight per dozen 8½ lbs.

Per dozen \$10.80

Half dozen in box



No. K20—Polished and Swaged; Bent Blade Polished Handle; Length of blade 6 inches; full length 13 inches. Weight per dozen 10 lbs.

Per dozen

\$25.00

Half dozen in box



No. 5G—Half Polished and Swaged; Bent blade polished handle; length of blade 6 inches, length over all 11½ inches. Weight per dozen 8 lbs.

Per dozen

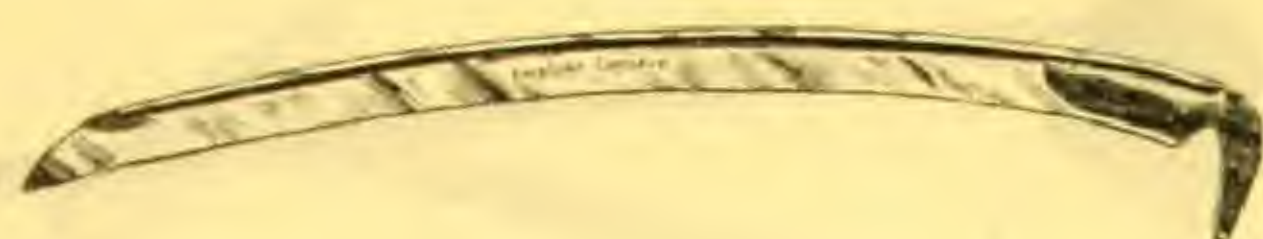
\$21.00

Half dozen in box



# Scythes and Snaths

## GRASS SCYTHES



**Excelsior**— Concave; polished blade; gilded groove; blade 1 3/4 inches wide; assorted lengths 30 to 36 inches; weight per dozen 30 lbs.

Per dozen ..... \$34.00

**Fine India**— Black groove; otherwise the same as Excelsior.

Per dozen ..... \$34.00

**Clipper**— Concave; unpolished blade; polished edge and point; blade 1 3/4 inches wide; assorted lengths 30 to 36 inches; weight per dozen 30 lbs.

Per dozen ..... \$32.00

**Meadow Queen**— description as Clipper.

Per dozen ..... \$30.00



**Matchless**— Single head; polished blade; black groove; light pattern; blade 1 3/4 inches wide; assorted lengths 30 to 36 inches; a high grade and satisfactory tool; weight per dozen 28 lbs.

Per dozen ..... \$32.00

**Rough and Ready**— Single head; unpolished blade; ground edge and point; blade 1 3/4 inches wide; assorted lengths 30 to 36 inches; weight per dozen 30 lbs.

Per dozen ..... \$38.00

**Single Head**— 2 inch blade; weight per dozen 32 lbs, otherwise the same as Rough and Ready.

Per dozen ..... \$32.00



**Double Head**— Double head blade; unpolished grooves; polished edge and point; blade 2 inches wide; assorted lengths 30 to 36 inches; weight per dozen 32 lbs.

Per dozen ..... \$33.00

One dozen in box.

## GRASS HOOK



**Cast Steel Blade**; ribbed; bronze finish; plain edge.

Numbers	2	3	4	5
Weight per dozen, lbs	7	9	10	12
Per dozen	\$7.80	8.00	8.20	8.60

Half dozen in handle

## BUSH SCYTHES



**Bush**— Heavy blade; unpolished; ground edge and point; 2 3/4 inches wide; assorted lengths 20 to 24 inches; weight per dozen 30 lbs.

Per dozen ..... \$32.00

Half dozen in box.

## SCYTHE SNATHS



**Patent Loop**; select timber; varnished finish; malleable fittings; weight per dozen 36 lbs.

Number	351	358
Kind	Ash	Cherry
Per dozen	\$33.76	\$45.90



**Loop Bolt**; malleable four hole plate; white ash; varnished finish.

Number	352	353	354
Quality	first	second	third
Weight per dozen, lbs	36	58	40
Per dozen	\$32.40	31.00	28.35



**Single Ring**; two hole plate; with wedge; white ash; varnished finish.

Number	355	356	357
Quality	first	second	third
Weight per dozen, lbs	38	40	42
Per dozen	\$29.70	28.36	25.66



**No. 350— Double Ring Bush Snath**; heavy pattern; two hole plate; with wedge; weight per dozen 50 lbs.

Per dozen ..... \$35.10

Half dozen in bundle.

## GRASS SICKLE



**Biggin's Pattern**; sheffield steel blade; with teeth; light weight; hardwood handle.

Numbers	3	4
Weight per dozen, lbs	7	8
Per dozen	\$9.00	10.00

Half dozen in bundle.



## Harvest Tools

## FIELD HOES



No. E.W.E.8—Excelsior; Electric Welded Shank; 8 inch blade; select handle; weight per dozen, 25 lbs. Manufacturers list \$13.00

No. F6—Solid Shank; forged steel; tempered and polished; blade 6 inches wide; second growth handle; weight per dozen, 28 lbs. Manufacturers list \$22.00

No. F8—8 inch blade otherwise as F6; manufacturers list \$23.00

## LADIES HOE



No. L4½—Ladies; solid neck; 4½ inch blade; for garden and flower bed use. Select second growth handle; weight per dozen 20 lbs. Manufacturers list \$17.00

One dozen in bundle.

## TURNIP HOES



## TURNIP, solid steel shank

Number	T8	T9	T10
Blade, inches	8	9	10
Weight per dozen, lbs.	28	29	30
Manufacturers list	\$21.00	\$23.00	\$25.00

One dozen in bundle.

## MORTAR HOES



No. M10—Mortar; plain steel blade; solid shank; blade 10 inches wide; second growth handles, 6 feet long; weight per dozen, 48 lbs. Manufacturers list \$30.00

Half dozen in bundle.



No. IM10—Mortar; improved blade; solid shank; blade is 10 inches wide with holes as shown in cut; 6 foot second growth handle; weight per dozen, 44 lbs.

Manufacturers list

\$33.00

Half dozen in bundle



No. FS8—Socket shank; forged steel; tempered and polished; blade and ferrule in one piece; select second growth handle; weight per dozen, 30 lbs. Manufacturers list \$25.50

Half dozen in bundle.

## WEEDING HOE



No. 4W—Weeding; steel blade, 5 inches wide; four steel teeth 3½ inches wide; second growth handle; weight per dozen, 21 lbs. Manufacturers list \$21.00

One dozen in bundle

## DUTCH HOES



No. D7—Dutch; Welland pattern; solid shank; flat blade; 7 inches wide; weight per dozen, 25 lbs. Manufacturers list \$23.00

One dozen in bundle.



No. D07—Dutch; Oshawa pattern; bow shank; blade 7 inches wide; riveted to bows; weight per dozen, 25 lbs. Manufacturers list \$24.00

One dozen in bundle.

## D TOPS AND FERRULES



No. 336—Hay Fork Caps.	Weight per dozen, ½ lb.	Mfr's list	Per dozen \$1.25
No. 387—Manure Fork Caps.	Weight per dozen, ½ lb.	Mfr's list	Per dozen 1.50
No. 379—Hay Fork Plain Ferrule.	Weight per dozen, 2 lbs.	Mfr's list	Per dozen 2.25
No. 381—Manure Fork Plain Ferrule.	Weight per dozen, 2½ lbs.	Mfr's list	Per dozen 2.25
No. 380—Hay Fork Strap Ferrule.	Weight per dozen, 4 lbs.	Mfr's list	Per dozen 5.00
No. 382—Manure Fork Strap Ferrule.	Weight per dozen, 4½ lbs.	Mfr's list	Per dozen 5.00
No. 376—Hoe or Rake Plain Ferrule.	Weight per dozen, 1½ lbs.	Mfr's list	Per dozen 2.00
No. 375—D Tops.	Weight per dozen, 8 lbs.	Mfr's list	Per dozen 9.00



## Harvest Tools

## GARDEN RAKES



Excelsior; Light Steel; Straight Teeth

Numbers	L12	L14	L16
Teeth	12	14	16
Weight per dozen, lbs	33	35	37
Manufacturers' List	\$14.50	15.50	17.00

Dozen in bundle



Electric Brace; Straight Teeth

Numbers	W12	W14	W16
Teeth	12	14	16
Weight per dozen, lbs	35	37	40
Manufacturers' List	\$20.00	21.00	22.00

Dozen in bundle



Cast Steel; Solid Shank; Straight Teeth

Numbers	12	14	16
Teeth	12	14	16
Weight per dozen, lbs	35	37	40
Manufacturers' List	\$24.00	26.00	28.00

Dozen in bundle



Cast Steel; Brace Shank; Curved Teeth

Numbers	BH12	BH14	BH16
Teeth	12	14	16
Weight per dozen, lbs	35	37	40
Manufacturers' List	\$28.00	30.00	32.00

Dozen in bundle

## LAWN RAKES



Wire; Malleable Socket; Curved Teeth

Numbers	W120	W124
Teeth	20	24
Weight per dozen, lbs	28	34
Manufacturers' List	\$29.50	31.50

Half dozen in bundle



Stamped Steel; Curved Saw Teeth

Numbers	SL22
Teeth	22
Weight per dozen, lbs	37
Manufacturers' List	\$24.00

Half dozen in bundle

## TURF EDGER

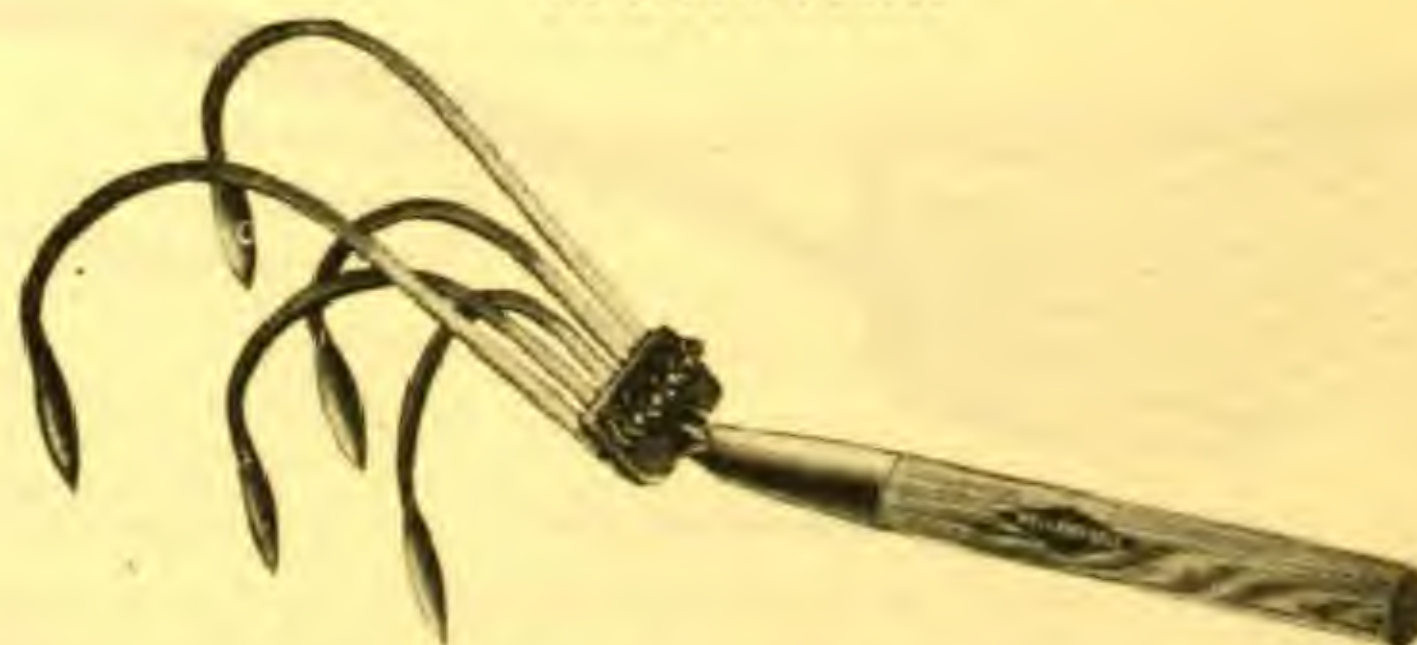


No. E4—Solid Shank; long handle blade, is tempered, ground and polished.  
Weight per dozen, lbs  
Manufacturers' List

30  
\$29.00

Half dozen in bundle

## CULTIVATOR



No. 5A.G.C.—Five tines; steel; adjustable; handle four feet long.  
Weight per dozen, lbs  
Manufacturers' List

40  
\$27.00

Three in bundle

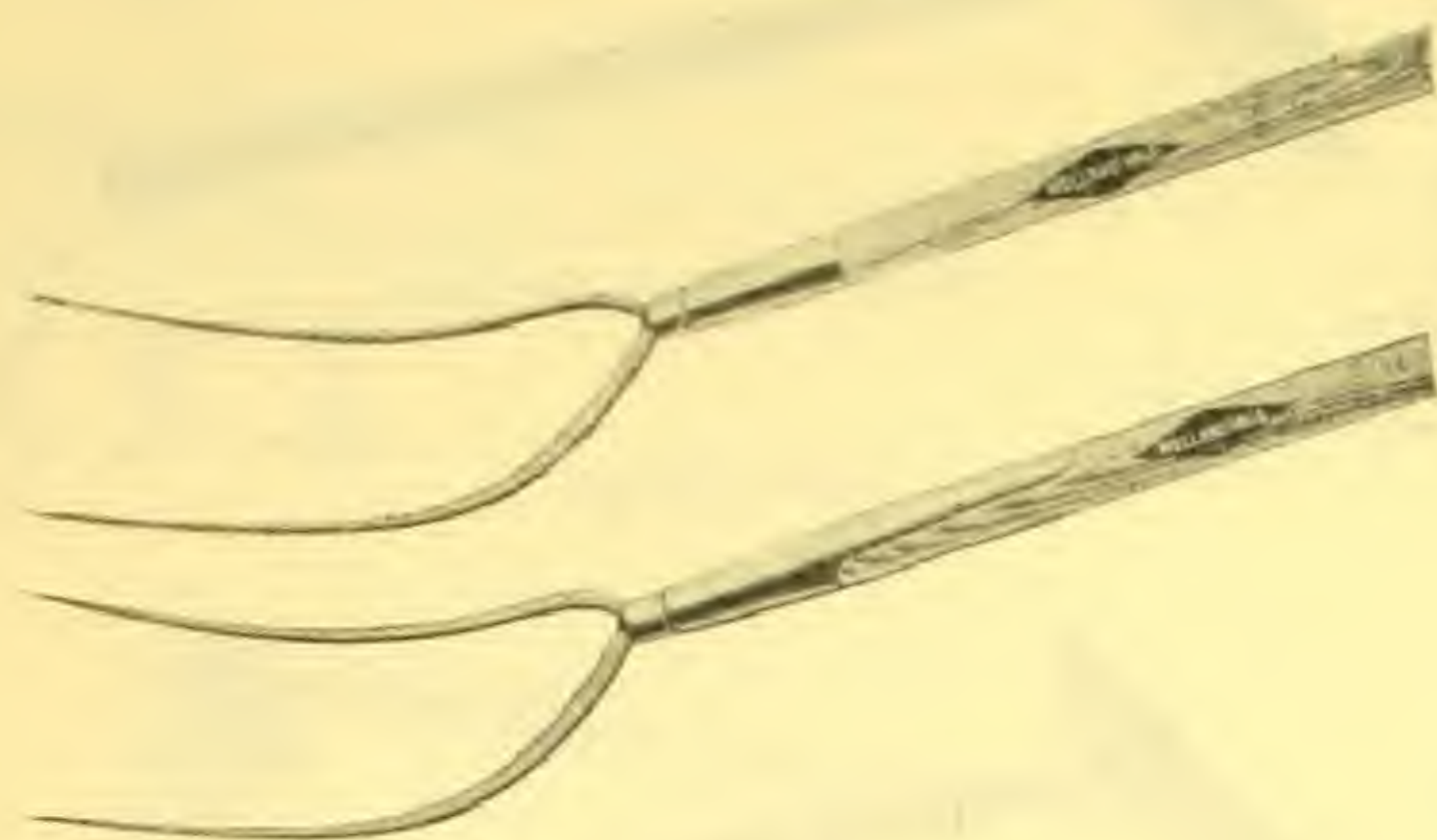


## Harvest Tools

PARTICULAR care is exercised in the selection of our harvest tools to ensure high grade quality and finish. They are carefully tempered, finely finished, and have the proper hang and shape. The handles are of best selected second growth ash, highly polished. Every article fully guaranteed.

## Hay Forks

DISCOUNT  
Harvest Tools.....

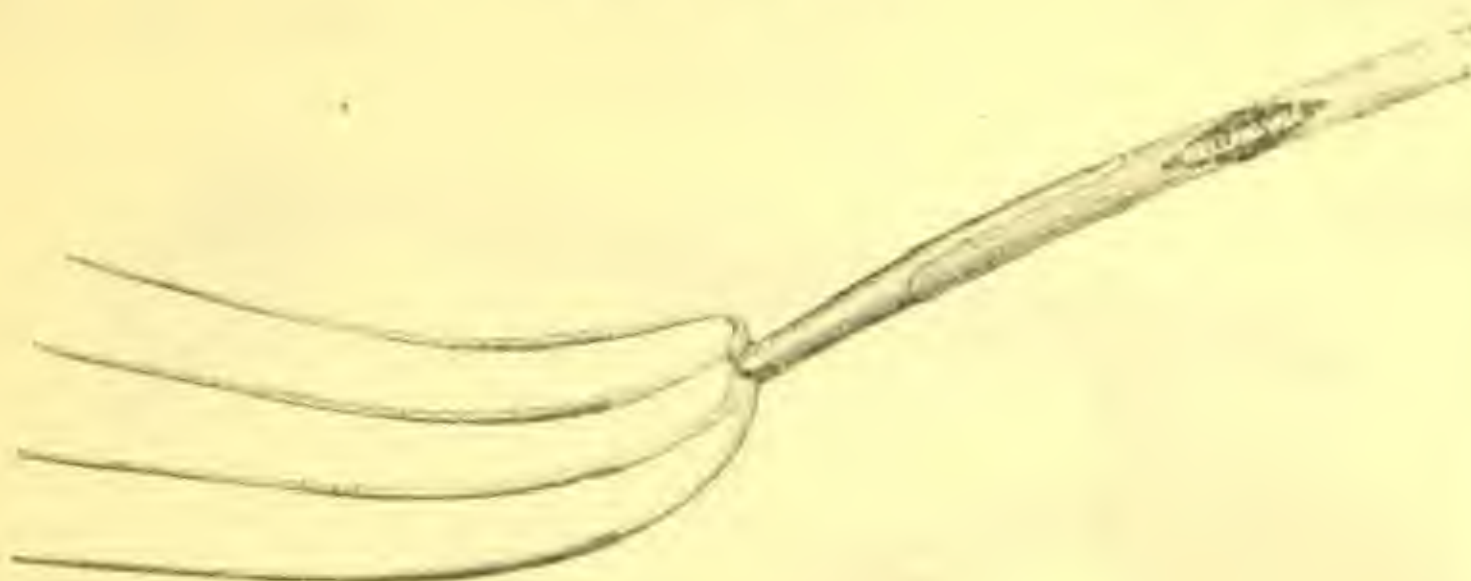


Two Tines; 12 inch; Bent Handle.

Number	212B	S212B
Ferrule	Plain	Strap
Handle, feet	4, 4½, 5	4, 4½, 5
Manufacturers' List	\$25.00	28.50

Weight per dozen, 24 lbs. Dozen in bundle.

## STRAW FORKS



Three Tines; 16 inch; Bent Handle.

Number	316B	S316B
Ferrule	Plain	Strap
Handle, feet	4½, 5	4½, 5
Manufacturers' List	\$37.60	41.50

Weight per dozen, 33 lbs.; Half dozen in bundle.

Four Tines; 16 inch; Bent Handle.

Numbers	R416	SR416
Ferrule	Plain	Strap
Handle, feet	4½, 5, 5½	4½, 5, 5½
Manufacturers' List	\$41.00	45.50

Weight per dozen, 37 lbs. Half dozen in bundle.

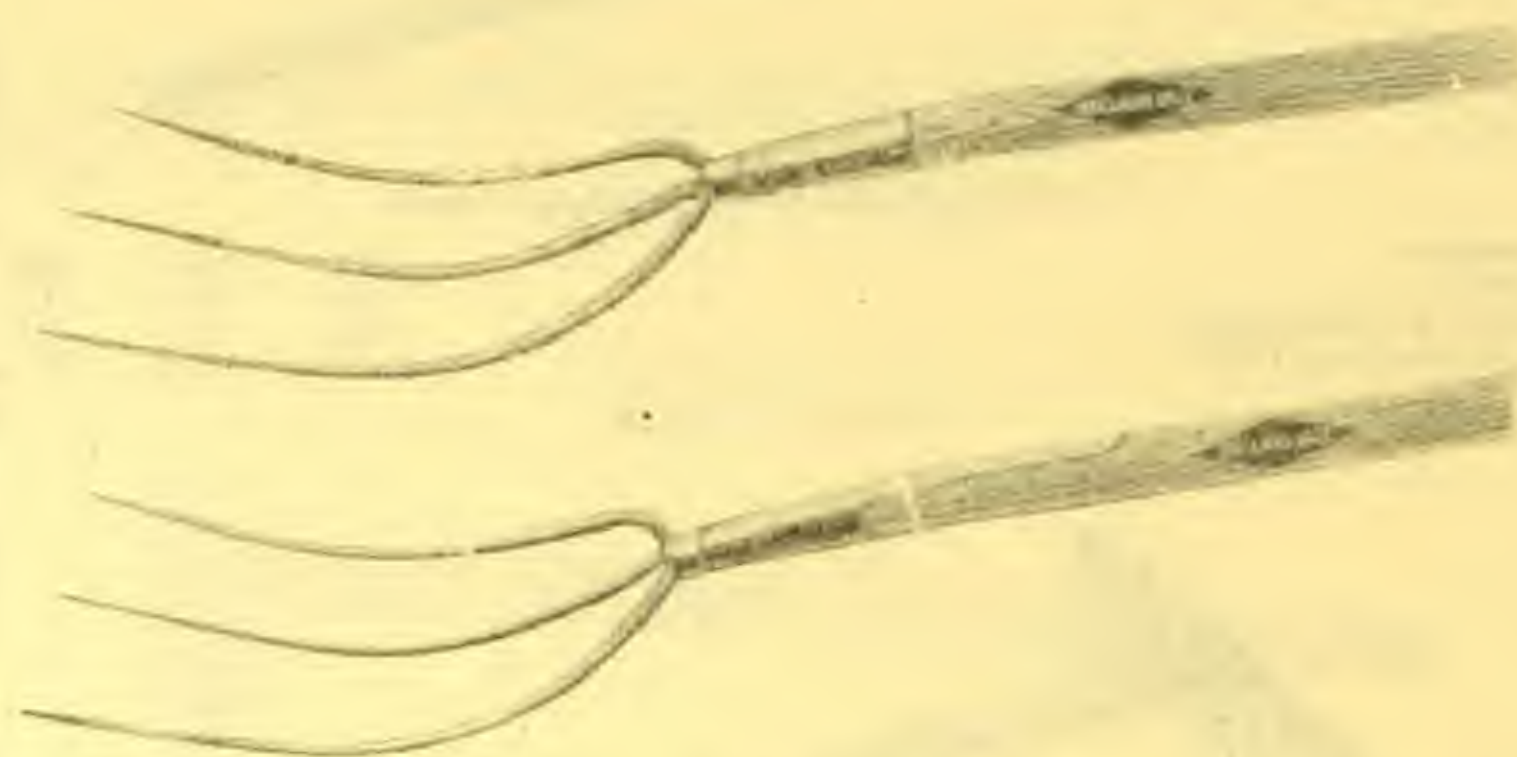
## COKE FORKS



Diamond Back Tines

Numbers	K14
Tines	14
Length, inches	17½
Weight per dozen, lbs.	19
Width, inches	125
Manufacturers' List	\$106.00

Quarter dozen in bundle.



Three Tines; 12 inch; Bent Handle.

Number	312B	S312B
Ferrule	Plain	Strap
Handle, feet	4, 4½, 5	4, 4½, 5
Manufacturers' List	\$29.00	33.00

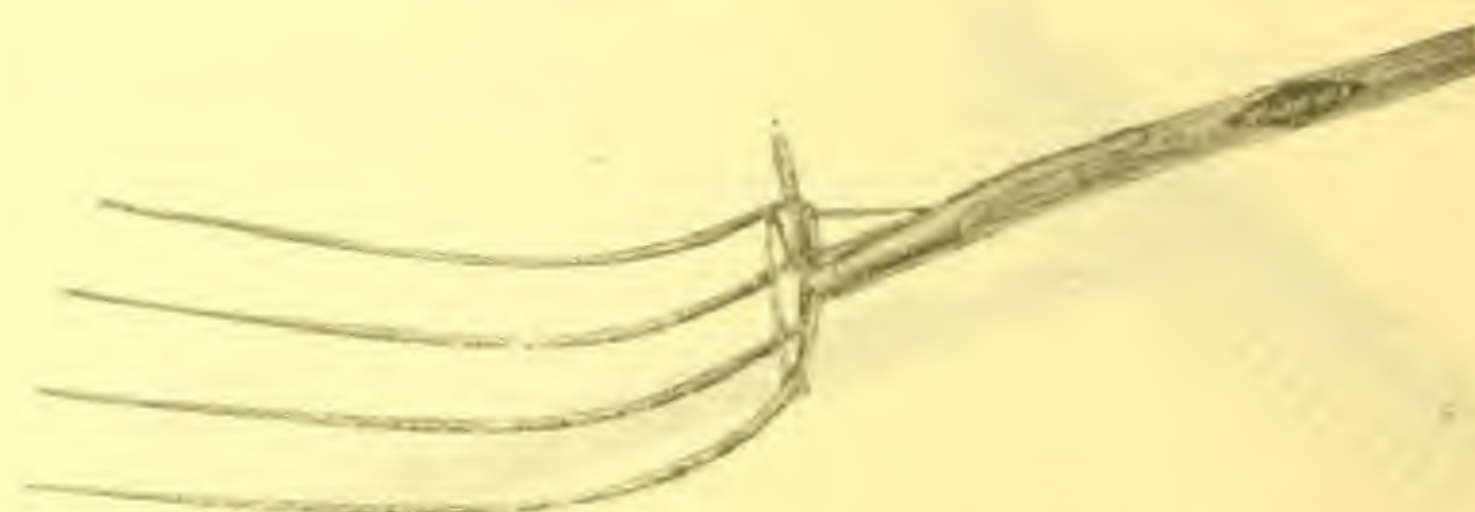
Weight per dozen, 31 lbs. Dozen in bundle.

Three Tines; 14 inch; Bent Handle.

Numbers	S314B
Ferrule	Strap
Handle, feet	4½, 5, 5½
Tines, inches	14
Manufacturers' List	\$39.50

Weight per dozen, 32 lbs. Half dozen in bundle.

## BARLEY FORKS



Four Tines; 20 inch; Bent Handle.

Numbers	S420	S420G
Style	No guard	with guard
Ferrule	Strap	Strap
Handle	5	5
Manufacturers' List	\$56.50	58.50

Weight per dozen, 46 lbs. Half dozen in bundle.

## ENSILAGE FORKS



Eight Tines; D Handle

Number	E.F.8
Ferrule	Strap
Width, inches	14
Weight per dozen, lbs.	68
Manufacturers' List	\$75.00

Quarter dozen in bundle.



# Harvest Tools

## MANURE FORKS



Four Tines; D Handle.

Numbers.....	4D.W.	S.4D.W.
Ferrule.....	Plain	Strap
Manufacturer's List.....	\$36.00	40.50

Weight per dozen, 37 lbs. Half dozen in bundle.



Four Tines; Long Handle.

Numbers.....	44W.	S.44W.
Ferrule.....	Plain	Strap
Manufacturer's List.....	\$33.50	38.00

Weight per dozen, 37 lbs. Half dozen in bundle.



Five Tines; D Handle.

Numbers.....	5D.W.	S.5D.W.
Ferrule.....	Plain	Strap
Manufacturer's List.....	\$43.50	48.00

Weight per dozen, 40 lbs. Half dozen in bundle.



Five Tines; Long Handle.

Numbers.....	54W.	S.54W.
Ferrule.....	Plain	Strap
Manufacturer's List.....	\$41.00	45.50

Weight per dozen, 40 lbs. Half dozen in bundle.



Six Tines; D Handle.

Numbers.....	6D.W.	S.6D.W.
Ferrule.....	Plain	Strap
Manufacturer's List.....	\$50.50	55.00

Weight per dozen, 43 lbs. Half dozen in bundle.



Six Tines; Long Handle.

Numbers.....	64W.	S.64W.
Ferrule.....	Plain	Strap
Manufacturer's List.....	\$48.00	52.50

Weight per dozen, 43 lbs. Half dozen in bundle.

## POTATO FORKS



Four 12-inch Tines; Strap Ferrule.

Numbers.....	PS 4D	P.S. 44
Handle.....	D	Long
Manufacturer's List.....	\$42.00	39.50

Weight per dozen, 37 lbs. Half dozen in bundle.



Four Tine; Goose Neck; Long Handle.

Number.....	4 G. N. R.
Ferrule.....	Plain
Tines.....	Round
Manufacturer's List.....	\$25.00

Weight per dozen 20 lbs. Half dozen in bundle.

## VEGETABLE SCOOPS



Ten Tines; D HANDLE.

Number.....	VS 10
Ferrule.....	Plain
Weight per dozen, lbs.	72
Manufacturer's List.....	\$ 70.00

Three in bundle

## SPADING FORKS



Diamond Back Tines; Long Handle.

Numbers.....	94	S94
Ferrule.....	Plain	Strap
Tines.....	Four	Four
Weight per dozen, lbs.	43	44
Manufacturer's List.....	\$36.00	40.50

Diamond Back Tines; D. Handle

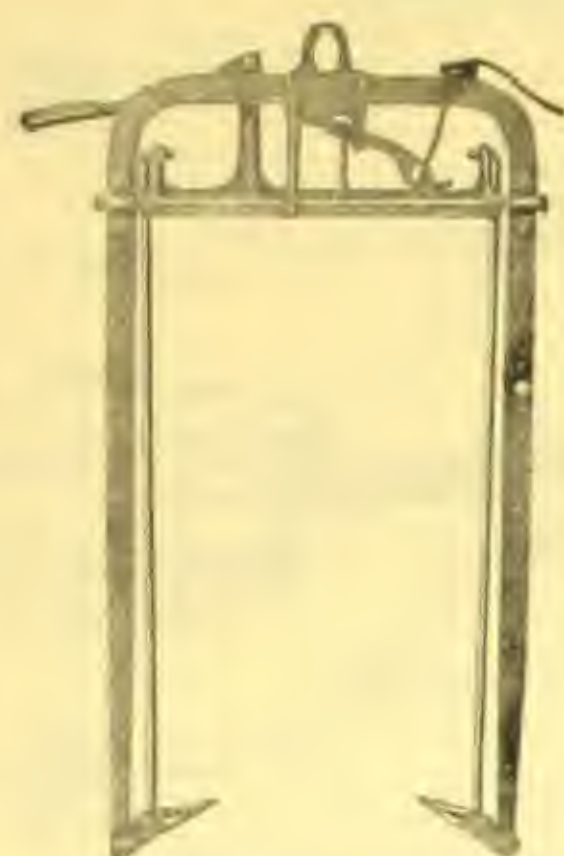
Numbers.....	9D	S9D	95D	S95D
Ferrule.....	Plain	Strap	Plain	Strap
Tines.....	Four	Four	Four	Four
Weight per dozen lbs.	43	43	45	45
Manufacturer's List.....	\$38.50	43.00	51.50	56.00

Half dozen in bundle



## Haying Tools

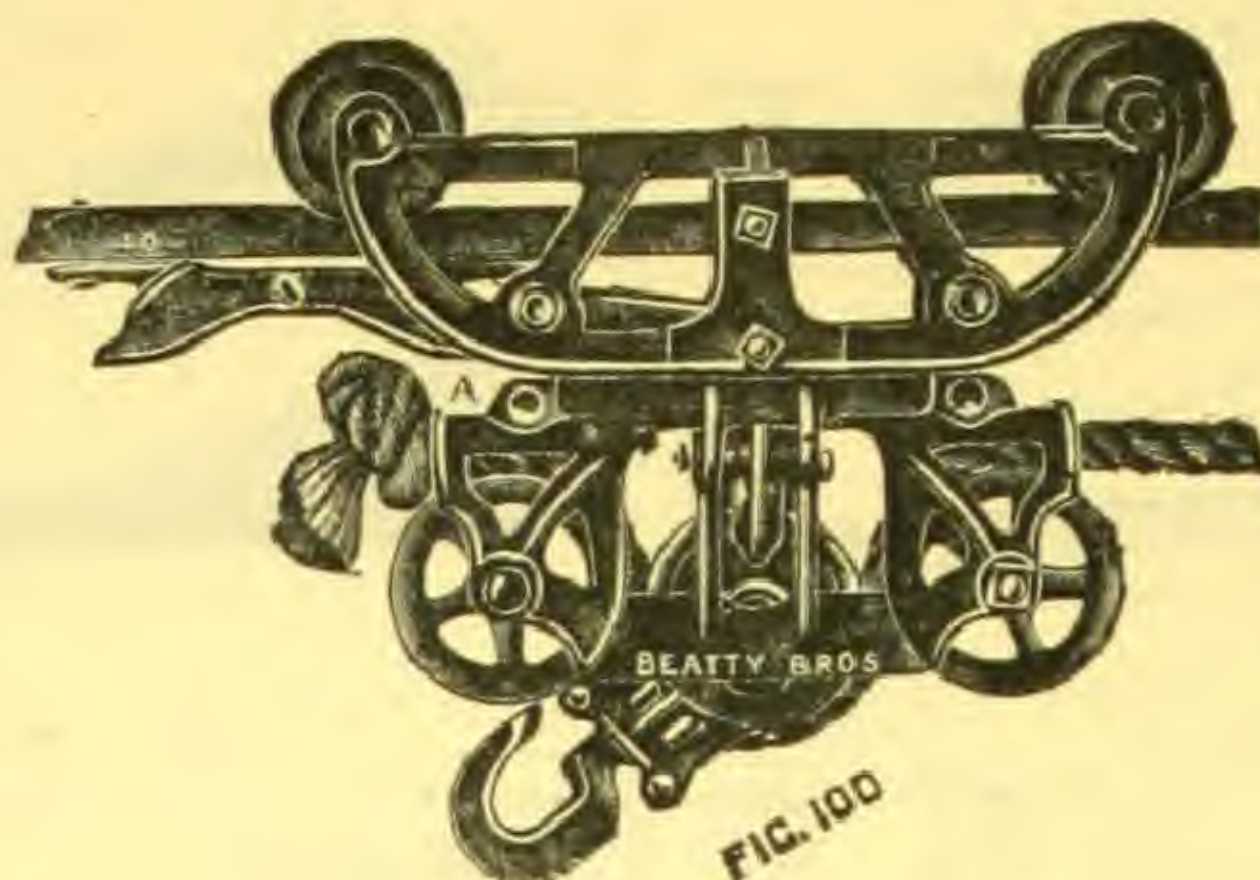
HAY FORK



No. 25—Square Top; Double Harpoon; Tough Steel tines; malleable fittings; the lever can be used to lock the toes open as well as closed; distance from rocker bar to points is 32 inches; size of steel  $1\frac{1}{4} \times \frac{1}{2}$  inch; size of rods  $\frac{3}{4}$  inch; weight each, 30 lbs.

Each ..... \$10.00

HAY CAR



No. 100—Maple Leaf Hay Carrier for Double Angle Steel Track as shown opposite; frame is made of malleable iron, with large open mouth to receive the bale pulls from any direction. The locking mechanism is simple in construction, positive in its action, and is made of malleable iron to prevent breaking and wear. The rope wheels are 4 inch in diameter, revolving on 1 inch axles and are for rope up to one inch in diameter. The track wheels are 3 inch in diameter for steel track and 4 inch for wood track. Finished in grey enamel, shipped complete with stop block and bale pulley. Weight 37 lbs.

No. 100—For Steel Track Each ..... \$20.00  
No. 101—For Wood Track Each ..... \$20.00

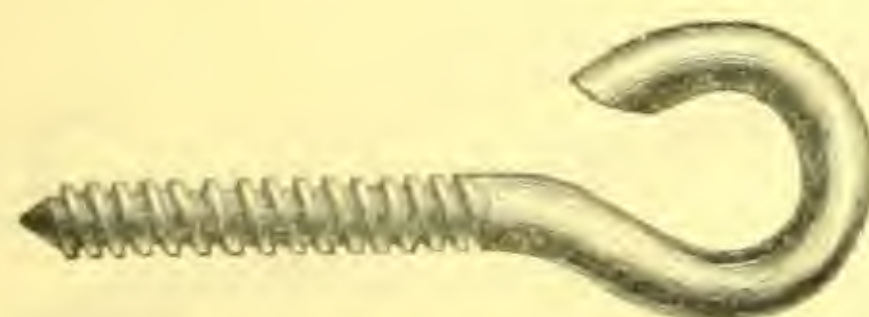
STEEL TRACK



No. 33—Double Angle Steel Track showing hanger hook as used with Maple Leaf car described opposite, consists of two  $1 \times 1 \times \frac{3}{8}$  inch angle bars clamped together as shown. Supplied in 6, 9, 12, and 14 foot lengths ready to erect; weight per foot  $2\frac{1}{2}$  lbs.

No. 33—Double Angle Steel track, per foot ..... \$0.46  
No. 96—Hanger for above track Each ..... \$0.38

FLOOR HOOK



No. 266—Wrought Iron; Lag Screw Thread; Taper Point;  $\frac{3}{4}$  inch diameter, 7 inches long. Weight per dozen, 13 lbs.

Per dozen ..... \$3.30  
Open Stock.

WOOD TRACK HANGER



No. 267—Wrought Iron; threaded and supplied with nut;  $\frac{1}{2}$  inch diameter in two sizes as below:

Length inches	10	14
Weight per dozen, lbs	9	12½

Per dozen ..... \$2.90 3.60  
Open Stock.

BRACKET



No. 301—Steel Rafter Bracket; for either wood or steel track hangers. It has six holes for  $\frac{1}{2}$  inch nails or bolts. Weight per dozen, 2 lbs.

Per dozen ..... \$1.50  
Open Stock.

PATENT ROPE HITCH



SHOWING HITCH



WITHOUT ROPE

No. 376—A Secure and Quick Hitch can be made with this article without knots. A twist in the rope can be removed by means of the swivel hook. The rope can easily be shortened by pulling the end through to the desired length. Suitable for  $\frac{3}{4}$ ,  $\frac{1}{2}$  or 1 inch rope and no danger of slipping; weight each, 1½ lbs.

Each ..... \$0.80  
Open Stock.

RAFTER GRAPPLE



No. 439—Made from  $\frac{5}{8} \times 1\frac{1}{2}$  inch Steel to open 8 inches, for attaching pulley to the rafter or beam; supplied complete with chain; weight each, 3¾ lbs.

Each ..... \$2.40  
Open Stock.



## Hay Fork Pulleys

ALL IRON



No. 692—Iron Frame Pulley; the point is reinforced by heavy ribs and has swivel eye; the sheave is 5½ inches in diameter revolving on ¾ inch axle; weight per dozen, 45 lbs. Per dozen \$16.00

Open Stock

KNOT PASSING



No. 796—Knot Passing Iron Frame; 6 inch hard maple sheave dipped in oil; weight per dozen 35 lbs. Per dozen \$18.00

Open Stock

KNOT PASSING



No. 820—Knot passing iron frame; 6 inch iron sheave; swivel eye; weight per dozen 48 lbs. Per dozen \$19.00

Open Stock

## Clothes Line Pulleys



No. 159—Galvanized; steel frame; 5½ inch wheel; swivel eye; weight per dozen, 15 lbs.

Per dozen

\$8.00

Open Stock



No. 161—Galvanized; cast iron; knot passing; solid eye.

Size of wheel, inches.

2 2½

Weight per dozen, lbs.

5½ 5½

Per dozen

\$2.20 3.70

Open Stock



No. 163—Galvanized; cast iron; straight frame; swivel eye.

Size of wheel, inches.

2½ 3

Weight per dozen, lbs.

6 7½

Per dozen

\$4.50 7.00

Open Stock

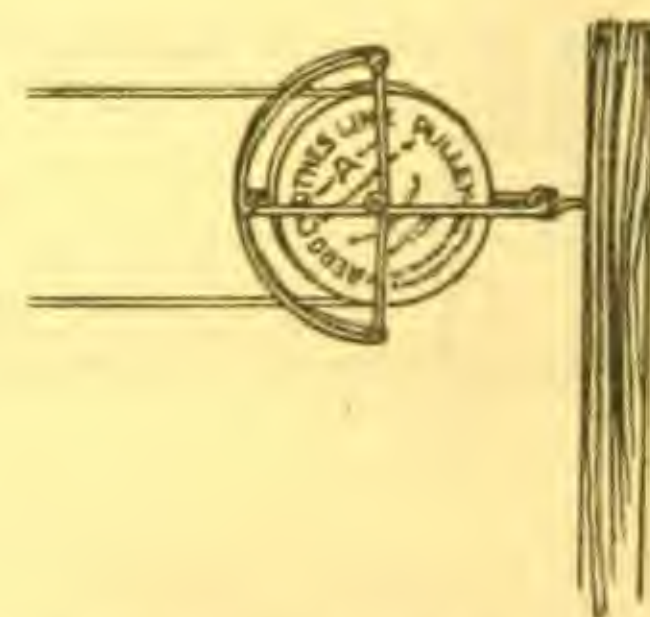
## Clothes Line Reels



Adams; Cast Iron; Japanned Finish; for post 1½ inch round top and 2 x 1½ inch wood arms; head revolves on projecting pin in post cap; ball bearing for head. Weight each, 15 lbs. Each \$4.50

No. 1—Cast Iron; Japanned Finish; to fit top of round post; plain bearing. Weight each, 11½ lbs. Each \$3.20

Open Stock



Aero; 6 inch Oil Treated Wood Wheel; for either rope or wire lines; knot passing; double bearings. Weight per pair, 2 lbs. Per dozen \$7.80

Open Stock



## Picks and Mattocks

## RAILROAD CLAY PICKS



No. 129—Cast Steel; adze eye. Weight per case 145 lbs., each 5 to 6 lbs. Length 21 to 22 inches. Per dozen \$16.00

No. 130—Weight per case 168 lbs., each 6 to 7 lbs.; length 22 to 23 inches; otherwise same as above. Per dozen \$17.50

Two dozen in case.

## ROCK PICK



No. 131—Cast Steel; adze eye; oil finish crucible; hardened and tempered soft steel body; solid punched eye. Weight 7 to 8 lbs. each. Per dozen \$19.00

Two dozen in case.

## DRIFTING PICKS



No. 133—Cast Steel; adze eye; oil finish.  
Weight 3 lbs. each. Per dozen \$13.50  
Weight 4 lbs. each. Per dozen \$15.50  
Weight 4½ lbs. each. Per dozen \$16.50

Two dozen in case.

## PROSPECTORS' PICK



No. 134—Unhandled; cast steel; oil finish; oval eye. Weight each, 1½ lbs. Per dozen \$30.00

Half dozen in box.

## GRUB HOES



No. 110—Crucible Steel; soft steel eye; polished bit and painted body; length 10½ inches. Weight 3½ lbs. each. Per dozen \$15.50

Two dozen in case.

## PICK MATTOCKS



No. 139—Cast Steel; adze eye; polished bit. Weight 5½ lbs. each. Size of hoe 8 x 4 inches; length of pick 7 inches; length over all, 19 inches. Per dozen \$19.50

Two dozen in case.

## CUTTER MATTOCKS



No. 136—Long Cutter; cast steel; adze eye; polished bit. Weight 5½ lbs. each. Size of hoe 7½ x 4 inches. Size of cutter 4½ x 3¼ inches, over all 16 inches. Per dozen \$19.50

Two dozen in case.

## WRECKING BARS

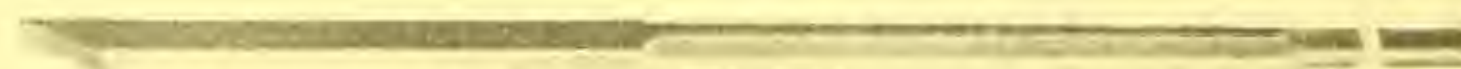


High Grade Tool Steel with Claw and Pinch Point.

Length, inches.	18	24	30	36
Size of steel, inches.	¾	¾	¾	¾
Weight per dozen, lbs.	24	42	50	63
Per dozen	\$5.50	8.00	9.50	11.50

Open Stock.

## CROW BARS



No. 141—Pinch Point; Solid steel; tempered point; round tapering handle; weight 12 to 24 lbs. each. Per 100 pounds \$16.00



No. 142—Wedge Point; Solid steel; tempered point; round tapering handle; weight 12 to 24 lbs. each. Per 100 pounds \$16.00

## LINING BARS



No. 143—Diamond Point; solid steel; tempered point; round tapering handle; weight 20 lbs. each. Per 100 pounds \$16.00

Open Stock.



## Claw Bars



No. 144—Solid steel; claw point; pinch tip; length 5 feet; weight 25 lbs each.  
Per 100 pounds. \$23.00

## Car Movers



Samson Railway Car Mover; powerful device for moving railway cars; metal parts of malleable iron and refined tool steel. Weight complete with wood handle, 20 lbs. Each \$10.80  
Open Stock.

## Jack Screws



Locomotive Jack Screws; with cast iron frames and refined wrought iron screws; swivel caps; levers extra.

Number	15	17	18	20
Diameter, inches	1 1/2	1 3/4	2	2 1/2
Stand, inches	8	12	12	16
Over all, inches	12	16	18	21
Rise of screw, inches	6 1/4	9 1/2	9 1/2	13
Capacity, tons	12	16	20	28
Weight each, lbs	15 1/2	27	38	63

Each \$6.50 9.50 12.00 19.50

Open Stock.

## Post Hole Diggers

### IWAN



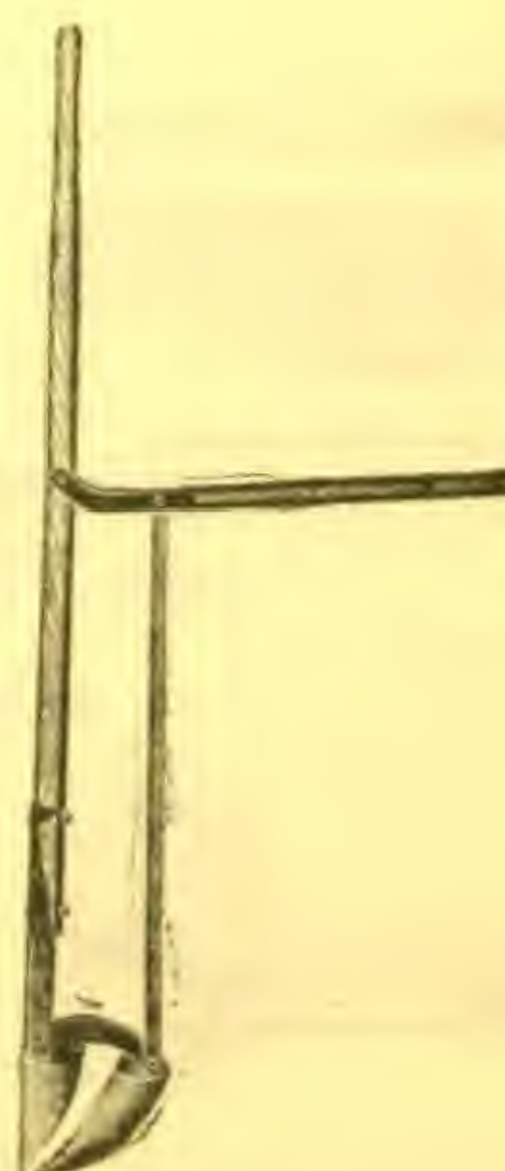
Iwan; Post Hole Augur; tool steel blade, malleable frame.  
Size, inches 7 8  
Weight per dozen, lbs. 100 110  
Per dozen \$49.00 49.00  
Open Stock.

### VAUGHAN



Vaughan; Post Hole Augur; cast steel blade; malleable frame.  
Size, inches 6 7 8  
Weight per doz., lbs. 56 60 65  
Per dozen \$22.90 26.00 29.00

### UNIVERSAL



Universal; Digger; cast steel blades; one hinged as shown in cut; hardwood handles; length over all 4 feet, 10 inches. Weight per dozen, 160 lbs. Per dozen \$59.00  
Quarter dozen in bundle

### EUREKA



Eureka; Sharpened Cast Steel Blade; Malleable Iron Head; Hardwood Handles; polished points; pointed black top; blade 4 1/2 x 9 inches, makes hole 6 inches in diameter. Weight per dozen, 110 lbs. Per dozen \$43.30  
Quarter dozen in bundle



## Shovels

## FOX AND BULL DOG BRANDS



## ROUND POINT

Blade and Socket for Handle made from One Piece of Cast Steel; hardened and tempered; thick center; selected ash handle.  
Round Point; Split D Handle; Blade 9 x 12½ inches. Black finish.

	Fox	Bull Dog
Numbers	307	306
Weight per dozen, lbs.	60	65
Per dozen	\$23.50	27.26



## SQUARE POINT

Square Point; Split D Handle; Blade 9¾ x 11¾ inches. Black finish.

	Fox	Bull Dog
Numbers	301	300
Weight per dozen, lbs.	60	65
Per dozen	\$23.50	27.26



## ROUND POINT LONG HANDLE

Round Point; Long Handle; Blade 9 x 11¾ inches; Black finish.

	Fox	Bull Dog
Numbers	315	314
Weight per dozen, lbs.	62	66
Per dozen	\$23.50	27.26



## SQUARE POINT LONG HANDLE

Square Point; Long Handle; Blade 9¾ x 11¾ inches; Black finish.

	Fox	Bull Dog
Numbers	321	320
Weight per dozen, lbs.	62	66
Per dozen	\$23.50	27.26

## BLACK CAT BRAND



## ROUND POINT

Blade and Socket made from one piece of Steel Plate of uniform thickness and pressed into shape. Light, strong and durable.  
Round Point; Split D Handle; Blade 9 x 12¼ inches. Black finish.

	Black Cat
Number	347
Weight per dozen	48
Per dozen	\$22.56

## OLDS AND JONES BRAND



## ROUND POINT

Blade and Straps for Handle made from One Piece of Cast Steel; not welded; carefully hardened and tempered; very strong construction; selected ash handle.  
Round Point; Split D Handle; Blade 9 x 12½ inches. Black finish.

	Olds	Jones
Numbers	107	106
Weight per dozen, lbs.	51	60
Per dozen	\$23.50	27.26



## SQUARE POINT

Square Point; Split D Handle; Blade 9¾ x 11¾ inches. Black finish.

	Olds	Jones
Numbers	101	100
Weight per dozen, lbs.	55	70
Per dozen	\$23.50	27.26



## ROUND POINT LONG HANDLE

Round Point; Long Handle; Blade 9 x 11¾ inches. Black finish.

	Olds	Jones
Numbers	115	114
Weight per dozen, lbs.	54	60
Per dozen	\$23.50	27.26



## SQUARE POINT LONG HANDLE

Square Point; Long Handle; Blade 9¾ x 11¾ inches. Black finish.

	Olds	Jones
Numbers	121	120
Weight per dozen, lbs.	58	70
Per dozen	\$23.50	27.26



## SQUARE POINT

Blade and Socket made from one piece of steel Plate of uniform thickness and pressed into shape. Light, strong, and durable.  
Square Point; Split D Handle; Blade 9¾ x 12 inches; Black finish.

	Black Cat
Numbers	341
Weight per dozen	52
Per dozen	\$22.56



## Shovels and Scoops

## BLACK CAT SAND SHOVEL



Blade and Socket made from one piece of steel plate of uniform thickness and pressed into shape. Light, strong and durable square point; Split D handle. Black finish.

Number	3	4	5	6
Size blade, inches	10 1/4 x 12 1/2	10 1/2 x 13	11 1/4 x 13 1/2	11 1/2 x 14 1/2
Weight per dozen, lbs.	60	64	66	68
Per dozen	\$24 70	25 40	26 10	26 80

## JONES BREAKDOWN SCOOPS



Hollow back, Socket Blade, reinforced shoulder, Split D handle. Black finish.

Number	6
Size blade, inches	14 x 18
Weight per dozen, lbs.	75
Per dozen	\$37 30

## BLACK CAT SOCKET SCOOPS



Hollow Back; Socket Blade; pointed pattern. Split D handle. Black finish.

Number	2	4	6	8	10
Size, inches	11 x 15	11 1/2 x 16	12 1/2 x 17	13 1/4 x 18	14 1/2 x 19
Weight per dozen, lbs.	70	72	74	77	85
Per dozen	\$32 00	33 40	34 80	36 20	37 60

## JONES SOCKET SCOOP



Hollow Back Socket Blade, D Handle; black finish. For coal, grain, etc.

Number	2	4	6	8	10
Size, inches	12 1/2 x 16 1/2	13 x 16 1/2	14 x 18 1/4	15 x 19 1/2	16 x 20
Weight per dozen, lbs.	75	76	78	85	90
Per dozen	\$34 50	35 90	37 30	38 70	40 10

## Spades

## BLACK CAT



No. 355—Black Cat, socket pattern, one piece steel plate blade. Size 7 1/2 x 12 inches; black finish. Weight per dozen, 55 lbs.

Per dozen \$24 00

## JONES



No. 27—JONES—Blade and Straps from One Piece; not welded; thick center; split D handle of selected wood. Weight per dozen, 65 lbs. Black finish.

Per dozen \$29 00

## BULL DOG



No. 328—Bull Dog. Cast steel socket blade, 7 1/2 x 11 1/4 inches; split D handle; black finish. Weight per dozen, 65 lbs.

Per dozen \$29 00

## DRAINING



No. 322—Bull Dog Draining Spade; One piece cast steel blade 4 1/2 x 5 1/4 x 16 inches; socket pattern; split D handles; black finish. Weight per dozen, 75 lbs.

Per dozen \$29 00

## RIGOLLE SHOVELS



No. 35—Jones D Handle; oval mouth. Size of blade, 7 1/4 x 12 1/2 inches. Weight per dozen, 45 lbs. Per dozen \$29 00

No. 36—Jones, Long Handle; otherwise same as No. 35. Per dozen \$29 00

No. 35C—Olds, D Handle; oval mouth. Size of blade 7 1/4 x 12 1/2 inches. Weight per dozen, 45 lbs. Per dozen \$25 00

No. 36C—Olds, Long Handle; otherwise same as No. 35C. Per dozen \$25 00 Half dozen in bundle.

## POST HOLE SPOONS



No. 98—Jones Lip Pan Post Hole Spoon; strapped ferrule; straight handle 8 or 10 feet long; size of blade 8 3/4 x 9 1/4 inches. Weight per dozen, 90 lbs.

Per dozen \$56 00

No. 97—Jones Plain Pan Post Hole Spoon; strapped ferrule; straight handle 8 or 10 feet long; size of blade 8 3/4 x 9 1/4 inches. Weight per dozen, 90 lbs.

Per dozen \$56 00 Half dozen in bundle.

NOTE—Above cut illustrates lip pan, order by number and mention length of handle required.



## Snow Shovels

## KING



No. 3—King; D Handle; heavy wrought steel blade; 12 x 14 inches; 16 gauge; hardwood handle. Length over all, 49 inches. Weight per dozen, 60 lbs. Per dozen \$14.40

Half dozen in bundle.

## PRINCE



No. 6—Prince; Long Handle; light weight but extra strong; steel blade 12 x 14 inches. Length over all, 61 inches. Weight per dozen, 10 lbs. Per dozen \$10.80

Half dozen in bundle.

## MOOSE



No. 2—Moose; "D" Handle; high carbon steel blade, 11½ x 15 inches; 15 gauge; extra strong; extra selected ash handle. Length over all 49 inches. Weight per dozen 65 lbs. Per dozen \$18.00

Half dozen in bundle.



No. 5—Prince; D Handle; 16 gauge; carbon steel blade 12 x 14 inches; length over all 36 inches; weight per dozen, 42 lbs. Per dozen \$13.20

Half dozen in bundle.

## ERIE



ERIE—Boys' Snow Shovel; pressed steel blade 7 x 10 inches. Length over all 43 inches. Painted finish. Weight per dozen, 16 lbs.

Black. Per dozen \$4.00  
Red. Per dozen \$4.50

One dozen in bundle.

## VICTOR



VICTOR—Oiled Birch Steam Bent Blade; plain or top ferruled. Selected hardened handle bolted to blade as shown in cut.

No.	Kind	Size blade inches	Length over all, inches	Weight per dozen, lbs.	Doz.
6	Plain	6 x 8	36	9	\$ 3.90
7	Plain	7 x 9½	36	10	\$ 4.50
9	Plain	9 x 12½	44	20	\$ 6.60
9	Ferruled	9 x 12½	44	21	\$ 7.50
10	Ferruled	10 x 14	48	32	\$ 9.00
11	Ferruled	11 x 15	51	35	\$10.20
12	Ferruled	12 x 16	54	37	\$12.00
13	Ferruled	13 x 18	55	40	\$13.20
14	Ferruled	14 x 19	55	56	\$15.00

Half dozen in bundle.

## ERIE



ERIE—Child's Snow Shovel. Blade 5½ x 8 inches; painted finish. Length over all 35½ inches. Weight per dozen, 9 lbs.

Black. Per dozen \$3.00  
Red. Per dozen \$3.50

One dozen in bundle.

## SIDEWALK CLEANER



No. 8—Bull Dog. Solid shank, extra heavy; strong ash handle; width of blade 10 inches. Length over all 56 inches. Weight per dozen, 50 lbs. Per dozen \$8.10

Half dozen in bundle.

## FURNACE SCOOP



No. 7—House Furnace Scoop; pressed steel blade; short handle with steel D top. Length over all, 44 inches. Weight per dozen, 40 lbs. Per dozen \$11.25

Half dozen in bundle.



## Hay Knives

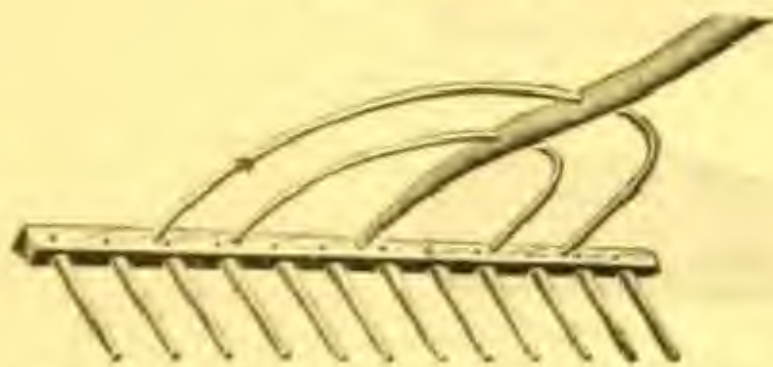


No. L. H. K.—Lightning; Cast Steel; two riveted handles; length 36 inches.  
Weight per dozen, 60 lbs.

Per dozen \$28.00

Dozen in case.

## WOOD HAY RAKES



No. 07—Double wood bow; twelve teeth; teeth are 4 inches long and set 2 inches apart; length of handle 6½ feet; weight per dozen 24 lbs.

Per dozen \$12.50

No. 13—Double steel tube bow; weight per dozen 25 lbs. Otherwise the same as No. 07. Per dozen \$13.80

No. 0—Single wire bow; ten teeth; teeth are 4 inches long and set 2½ inches apart; length of handle 6 feet; weight per dozen 30 lbs.

Per dozen \$10.80

CHABOT—Handle is split and spread so as to form a double trace at head; width 26 inches; 10 teeth. Per dozen \$5.00

One dozen in bundle.



No. H. H. K.—Heath's; three cast steel sections riveted to malleable frame; wood handle; malleable D head and step; length 45 inches. Weight per dozen 65 lbs.

Per dozen \$28.00

Half dozen in bundle.

## BRUSH HOOKS



No. 128—Brush hook; handled; medium pattern; tempered cast steel blade; hickory handle; length of blade 10 inches; length of handle 36 inches; weight complete per dozen 48 lbs.

Per dozen \$30.00

One dozen in crate.

## Handles

## HAY FORK HANDLES



Polished ash; chucked and bored; straight and bent.

Length, feet.	3½	4	4½	5	5½
Weight per dozen, lbs.	15	17	20	23	27
H213 No. 1, straight. Per dozen	\$5.20	5.20	5.60	6.80	8.40
H212 Extra, straight. Per dozen	7.00	7.00	7.80	9.20	10.40
H216 No. 1, bent. Per dozen	6.40	6.40	6.80	8.00	9.60
H215 Extra, bent. Per dozen	8.20	8.20	9.00	10.40	11.60

One dozen in a bundle.

## HOE AND RAKE HANDLES



Polished ash; chucked and bored.

Length, feet.	4	4½	5	5½
Weight per dozen, lbs.	14	16	17	18
H201 No. 1, Hoe. Per dozen	\$3.50	4.60	—	—
H200 Extra, Hoe. Per dozen	5.20	6.80	—	—
H209 No. 1, Rake. Per dozen	—	—	\$6.00	7.20
H208 Extra, Rake. Per dozen	—	—	8.50	10.20

One dozen in a bundle.

## MANURE FORK HANDLES



H227—Ash; extra quality; long bent pattern; chucked and bored. Length 4 feet.  
Weight per dozen 18 lbs.

Per dozen \$9.60

One dozen in a bundle.



H233—Ash; extra quality; D top pattern; chucked and bored; length with D top 35 inches; weight per dozen 18 lbs.

Per dozen \$10.80

H241—Without D top; length 30 inches; weight per dozen 15 lbs; otherwise as H233.

Per dozen \$3.40

One dozen in a bundle.

## SHOVEL HANDLES



No. 406—For Fox and Bull Dog shovels and spades; ash; split D; length 23 inches; weight per dozen 18 lbs.

Per dozen \$10.00

One dozen in a bundle.



No. 102—For olds and Jones shovels and spades; ash; regular D; length 29 inches; weight per dozen 25 lbs.

Per dozen \$10.00

One dozen in a bundle.



No. 408—For Fox and Bull Dog shovels and spades; ash; chucked; length 4 feet; weight per dozen 20 lbs.

Per dozen \$8.60

One dozen in a bundle.



No. 109—For olds and Jones shovels and spades; ash; length 4½ feet; weight per dozen 25 lbs.

Per dozen \$10.00

One dozen in a bundle.



## Handles



BOYS AXE HANDLE

No. B 23.—Hickory ; length 28 inch ; oval turned ; weight per dozen 13 lbs. Per dozen \$ 6.50  
Two dozen in a crate.



P and L SINGLE BIT AXE HANDLE

No. P. & L. 32.—Maple ; length 32 inch ; oval turned ; P and L pattern ; weight per dozen 14 lbs. Per dozen \$ 3.40  
Two dozen in a crate.



REGULAR SINGLE BIT AXE HANDLE

No. O. 32.—Oak ; length 32 inch ; oval turned ; weight per dozen 17 lbs. Per dozen \$ 3.70  
No. O. 36.—Oak ; length 36 inch ; oval turned ; weight per dozen 20 lbs. Per dozen 3.70  
No. 232.—XX Hickory ; length 32 inch ; oval turned ; weight per dozen 16 lbs. Per dozen 8.50  
No. 532.—XXXXX Hickory ; length 32 inch ; oval turned ; weight per dozen 16 lbs. Per dozen 10.00  
No. 236.—XX HICKORY ; length 36 inch ; oval turned ; weight per dozen 19 lbs. Per dozen 8.50  
No. 536.—XXXXX Hickory ; length 36 inch ; oval turned ; weight per dozen 19 lbs. Per dozen 10.00  
Two dozen in a crate.



NORTH SHORE SINGLE BIT AXE HANDLE

No. N. S. 32.—Hickory ; length 32 inches ; oval turned ; north shore pattern ; weight per dozen 16 lbs. Per dozen 6.30  
Two dozen in a crate.



DOUBLE BIT AXE HANDLE

No. D. B. 36.—XXXXX Hickory ; length 36 inches ; oval turned ; weight per dozen 32 lbs. Per dozen \$ 10.00  
Two dozen in a crate.



CARPENTERS ADZE HANDLE

No. A. 34.—Extra Hickory ; length 34 inches ; turned ; weight per dozen 20 lbs. Per dozen \$ 9.60  
Two dozen in a crate.



PICK HANDLE

No. P. X. 36.—Extra Hickory ; length 36 inch ; turned ; weight per dozen 33 lbs. Per dozen \$ 10.00  
No. P. 136.—No. 1 Hickory ; length 36 inch ; turned ; weight per dozen 32 lbs. Per dozen 7.80  
No. P. M. 36.—Maple ; length 36 inch ; turned ; weight per dozen 31 lbs. Per dozen 6.00  
Two dozen in a crate.



MAUL HANDLE

No. M. E. 36.—Extra Hickory ; length 36 inch ; turned ; weight per dozen 21 lbs. Per dozen \$ 6.80  
Two dozen in a crate.



## Handles



## STRIKING HAMMER HANDLE

No. S. K. E. 34.—Extra Hickory ; length 34 inch ; weight per dozen 16 lbs.	Per dozen	
No. S. K. E. 36.—Extra Hickory ; length 36 inch ; weight per dozen 19 lbs.	Per dozen	\$ 6.30
No. S. K. S. G. 34.—Second Growth Hickory ; length 34 inch ; weight per dozen 16 lbs.	Per dozen	6.30
No. S. K. S. G. 36.—Second Growth Hickory ; length 36 inch ; weight per dozen 19 lbs.	Per dozen	8.60
Two dozen in a crate		8.60



## SLEDGE HAMMER HANDLE

No. S. L. E. 30.—Extra Hickory ; length 30 inch ; weight per dozen 16 lbs.	Per dozen	
No. S. L. E. 32.—Extra Hickory ; length 32 inch ; weight per dozen 17 lbs.	Per dozen	\$ 5.20
No. S. L. E. 34.—Extra Hickory ; length 34 inch ; weight per dozen 18 lbs.	Per dozen	5.20
No. S. L. E. 36.—Extra Hickory ; length 36 inch ; weight per dozen 20 lbs.	Per dozen	6.80
No. S. L. S. G. 34.—Second Growth Hickory ; length 34 inch ; weight per dozen 18 lbs.	Per dozen	6.80
No. S. L. S. G. 36.—Second Growth Hickory ; length 36 inch ; weight per dozen 20 lbs.	Per dozen	8.60
Two dozen in a crate		8.60



## MACHINIST HAMMER HANDLES

No. M 12.—Extra Hickory ; length 12 inch ; weight per dozen 4 lbs.	Per dozen	\$1.60
No. M 14.—Extra Hickory ; length 14 inch ; weight per dozen 5 lbs.	Per dozen	1.60
No. M 16.—Extra Hickory ; length 16 inch ; weight per dozen 6 lbs.	Per dozen	1.80
No. M 18.—Extra Hickory ; length 18 inch ; weight per dozen 7 lbs.	Per dozen	2.00
No. M 20.—Extra Hickory ; length 20 inch ; weight per dozen 8 lbs.	Per dozen	2.40
No. M 22.—Extra Hickory ; length 22 inch ; weight per dozen 9 lbs.	Per dozen	2.60
No. M 24.—Extra Hickory ; length 24 inch ; weight per dozen 10 lbs.	Per dozen	3.00
Six dozen in a crate		



## ADZE EYE HAMMER HANDLES

Domination ; Select ash ; length 14 inch ; not labelled ; weight per dozen 3 lbs.	Per dozen	\$ .90
Pioneer ; Hickory ; length 14 inch ; labelled ; weight per dozen 4 lbs.	Per dozen	1.80
Donald Smith ; second growth Hickory ; length 14 inch ; weight per dozen 5 lbs.	Per dozen	2.50

One dozen in a box.



## LATH HATCHET HANDLES

No. L 14.—Extra Hickory ; length 14 inch ; weight per dozen 5 lbs.	Per dozen	\$ 1.80
--------------------------------------------------------------------	-----------	---------

One dozen in a box.



## SHINGLING HATCHET HANDLES

No. S 16.—Extra Hickory ; length 16 inch ; weight per dozen 6 lbs.	Per dozen	\$1.80
--------------------------------------------------------------------	-----------	--------

One dozen in a box.



## HUNTERS AXE HANDLE

No. H 18.—Second Growth Hickory ; length 18 inch ; weight per dozen 8 lbs.	Per dozen	\$ 1.00
----------------------------------------------------------------------------	-----------	---------

One dozen in a box.



## BENCH AXE HANDLE

No. B 16.—Extra Hickory ; length 16 inch ; weight per dozen 7 lbs.	Per dozen	\$ 1.80
--------------------------------------------------------------------	-----------	---------

One dozen in a box.



## CARPENTERS AXE HANDLE

No. C 22.—Hickory ; length 21 inch ; weight per dozen 10 lbs.	Per dozen	\$2.30
No. C. S. G. 21.—Second Growth Hickory ; length 21 inch ; weight per dozen 10 lbs.	Per dozen	1.80

One dozen in a box.



## CANT HOOK AND PEAVEY HANDLES

No. 63.—Cant Hook Handle ; select rock maple ; carefully turned.				
Length, feet	3½	4	4½	5
Weight per dozen, lbs	42	48	52	60
Per dozen	\$9.60	\$10.30	\$12.00	\$13.20
No. 64.—Peavey Handle ; select rock maple ; carefully turned ; chucked and bored.				
Length, feet	3½	4	4½	5
Weight per dozen, lbs	30	36	45	48
Per dozen	\$9.60	\$10.80	\$12.00	\$13.20

One dozen in a bundle.



## Axes



**ALL STEEL:** Etched; Michigan and Dayton pattern; full polished; blue or bronzed.

Weights, lbs.	3-3½	3½-3¾	3¾-4
Per dozen	\$31.00		

**ALL STEEL:** Etched; Double bit; polished.

Weights, lbs.	3½-3¾	3¾-4
Per dozen	\$39.00	



**DOUBLE CRESCENT:** Michigan pattern; round head; full polished.

Weights, lbs.	3-3½	3½-3¾	3¾-4
Per dozen	\$31.00		

**MAPLE LEAF:** Michigan pattern; round head; full polished.

Weights, lbs.	3-3½	3½-3¾	3¾-4
Per dozen	\$31.00		

One dozen in a box.



**WELLANDVALE SPECIAL:** Michigan pattern; round head; polished bit.

Weights, lbs.	3-3½	3½-3¾	3¾-4
Per dozen	\$31.00		

One dozen in a box.



**BUCK:** Michigan pattern; round head; black head; polished bit.

Weights, lbs.	3-3½	3½-3¾	3¾-4
Per dozen	\$24.00		

One dozen in a box.



**MODEL:** Michigan pattern; round head; painted bevel; polished bit.

Weights, lbs.	3-3½	3½-3¾	3¾-4
Per dozen	\$31.00		

One dozen in a box.



**BLACK PRINCE:** Dayton pattern; square head; painted head; polished bit.

Weights, lbs.	3-3½	3½-3¾	3¾-4
Per dozen	\$28.00		

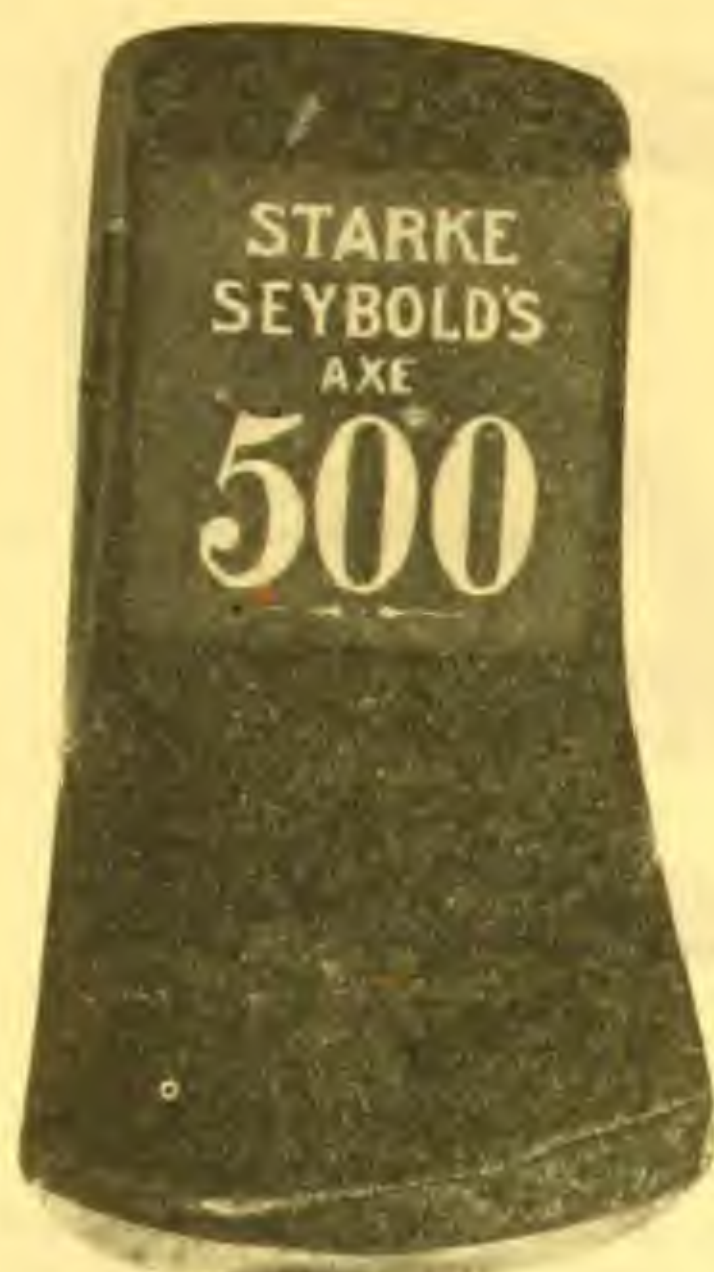
**BLACK PRINCE:** Half wedge pattern.

Weights, lbs.	3½-3¾	3¾-4
Per dozen	\$28.00	

One dozen in a box.



# Axes



500.—Michigan pattern; roundhead; all black; weight, lbs. 3-3½ 3½-3¾ 3¾-4  
Per dozen \$28.00

One dozen in a box.



WITHAM; Witham pattern; black head; polished bit; Weight, lbs. 3-3½ 3½-3¾ 3¾-4  
Per dozen \$24.00

One dozen in a box.



BLACK DIAMOND; Michigan pattern; round head; all black finish; weight, lbs. 3-3½ 3½-3¾ 3¾-4  
Per dozen \$31.00

One dozen in a box.

## BROAD AXES



CANADA PATTERN BROAD AXE.—Extra cast steel; gold bronzed. Assorted weights, 6½ to 7½ lbs. each; weight per dozen, 100 lbs.  
Per dozen \$100.00

One-half dozen in a case.

## BENCH AXES



SUPERIOR CAST STEEL BENCH AXE.—Polished bit and head; gold bronzed.  
Numbers 1 2 3 4 5  
Size, bit inches 4 4½ 5 5½ 6  
Weight per dozen, lbs. 30 38 40 42 45  
Per dozen \$20.00 \$24.20 \$28.50 \$31.90 \$36.20  
One-half dozen in a box.

## DOUBLE BIT



BLACK PRINCE; DOUBLE BIT; Michigan pattern; painted head; polished bits.  
Weights, lbs. 3-3½ 3½-3¾ 3¾-4  
Per dozen \$38.00

## CANADIAN



CANADIAN; Montreal pattern; square head; painted head; polished bit.  
Weights, lbs. 3-3½  
Per dozen \$28.00  
One dozen in a box.



## HANDLED AXES



Boys' Handled Axe: cast steel; painted head; polished bit; 28 inch handle.  
Weight head only 2 1/4 lbs each. \$22.00  
Per dozen

Mens Handled Axe: cast steel; black head; polished bit; 36 inch handle; assorted weights 3 1/4 to 4 1/2 lbs each. \$28.00  
Per dozen

One dozen in a box.

## SPORTSMANS AXES



No. 9—Extra Cast Steel; full polished; 15 inch handle; weight per dozen 17 lbs. \$19.00  
Per dozen

One dozen in a box.

## ADZES



No. 123—SHIP CARPENTERS' ADZE—Plain spike head; steel spike; black finish; 1 1/2 inch cut. Weight per dozen 50 lbs. \$51.20  
Per dozen

One dozen in a box.



No. 122—CARPENTERS' ADZE—Half head; steel poll; black finish; 1 1/2 inch cut; Weight per dozen 50 lbs. \$40.00  
Per dozen

One dozen in a box.

## TOMAHAWK



No. 118—Extra Cast Steel; blued finish; 15 inch handle; weight per dozen 18 lbs. \$19.00  
Per dozen

One dozen in a box.

## HUNTER'S AXES



No. 117—Extra Cast Steel; polished bit and painted head; 16 inch handle; size No. 1; weight per dozen 20 lbs. \$20.00  
Per dozen

One dozen in a box.

## LATH HATCHETS



UNDERHILL PATTERN  
No. 6—Finest cast steel; square poll; 64 point head; 2 inch bit; full polished. Weight per dozen 16 lbs. \$35.00  
Per dozen

Half-dozen in a box.

## Hatchets



SHINGLING  
No. 1—Extra Cast Steel; select handles; blue finish head; 3 1/2 inch polished bit; weight per dozen 17 lbs. \$20.50  
Per dozen

No. 12—Semi Steel; bronzed finish; 3 1/2 inch bit; weight per dozen 15 lbs. \$12.00  
Per dozen

Half dozen in a box.



CLAW  
No. 7—Extra Cast Steel; select handles; blue finished head; 3 1/2 inch polished bit; weight per dozen 20 lbs. \$23.00  
Per dozen

Half dozen in a box.



LATH  
No. 3—Extra Cast Steel; round poll; blued head; 2 1/2 inch polished bit; weight per dozen 16 lbs. \$21.00  
Per dozen

Half dozen in a box.



BARREL  
No. 50—Extra Cast Steel; round poll; second growth handles; two nail slots; 2 1/4 inch bit; full polished; weight per dozen 15 lbs. \$28.00  
Per dozen

Half dozen in a box.



# Logging Tools

PEAVEY



Pinks Eastern Pattern; malleable socket; duck or round bill hook; hook is made from  $\frac{3}{4}$  x  $\frac{1}{2}$  inch hammered crucible cast steel; adapted for use in small timber, pulpwood, etc; select maple handles.

Length, feet.....	3½	4	4½	5
Weight per dozen, lbs.....	80	85	90	95
Per dozen.....	\$54.00	55.20	56.40	57.60

CANT HOOK



Pinks Special Light Pattern; malleable clasp; short toe ring; hook is made from high quality crucible steel  $\frac{7}{8}$  x  $\frac{3}{8}$  inches. Select maple handles, suitable for small and medium timber also on mill carriages.

Length, feet.....	3½	4	4½
Weight per dozen, lbs.....	65	70	85
Per dozen.....	\$46.80	48.00	50.40

PEAVEY



Boisvert Pattern; malleable socket; diamond bill hook; hook is made from  $\frac{3}{4}$  x  $\frac{1}{2}$  inch; high quality crucible steel; select maple handles; adapted for small timber, pulpwood, etc.

Length, feet.....	3½	4	4½	5
Weight per dozen, lbs.....	80	85	90	95
Per dozen.....	\$10.00	41.40	42.40	43.40

HOOKAROONS



No. 513—Axe handle pattern; steel point pick; solid eye; hickory handle; length 34 inches; Weight per dozen, 27 lbs. Per dozen.....\$26.40

PIKE POLES



Curved Pike and Hook; seamless ferrules; points are made of best quality crucible steel threaded and screwed into the handle. Maple handles.

Numbers.....	510	512	514	516
Length, feet.....	10	12	14	16
Weight per dozen, lbs.....	60	70	80	90
Per dozen.....	\$40.80	48.00	56.40	69.60

PICKAROONS



No. 511—Slightly curved pipe and hook of high grade steel; seamless ferrule; for handling mill refuse, ties, pulpwood, etc. Length 3 feet. Weight per dozen, 31 lbs. Per dozen.....\$30.60

TIMBER CARRIERS



No. 517—For handling ties, poles, timbers, etc.; from 3 to 16 inches in diameter, fitted with swivel to permit carrying through narrow passageways. Length of handles 4½ feet. Weight per dozen, 100 lbs. Per dozen.....\$61.20

SKIDDING TONGS



Made from high Carbon, Octagon Steel.

Numbers.....	545	546	547
Size of steel, inches.....	¾	1	1½
Opens, inches.....	20	24	30
Weight each, lbs.....	10	16	23
Each.....	\$10.20	11.40	12.60



## Peavey Parts

HOOK



No. 595—Duck Bill Hook; high grade crucible steel; size  $1\frac{1}{2}$  x  $\frac{3}{4}$  inches; weight per dozen 16 lbs.  
Per dozen ..... \$19.20

BOLTS



No. 639—Square Head; square nut and square shoulder; size  $\frac{3}{8}$  x  $1\frac{1}{2}$  inches. Weight per hundred, 9 lbs. Per 100 ..... \$6.00

CLASP



Malleable Iron; drilled ready to apply  
Number ..... 609 610  
Inside diameter, inches ..... 2  $\frac{1}{2}$  2  $\frac{1}{2}$   
Weight per dozen, lbs. .... 12 14  
Per dozen ..... \$8.40 8.40

SOCKET



No. 625—Malleable; drilled ready to apply; suitable for Eastern pattern heavy; inside diameter  $2\frac{3}{4}$  inches; weight per dozen, 27 lbs.  
Per dozen ..... \$14.40

CLIP



No. 616—Malleable; same as used on No. 21 Cant Hook; weight per dozen, 11 lbs.  
Per dozen ..... \$7.80

FERRULE

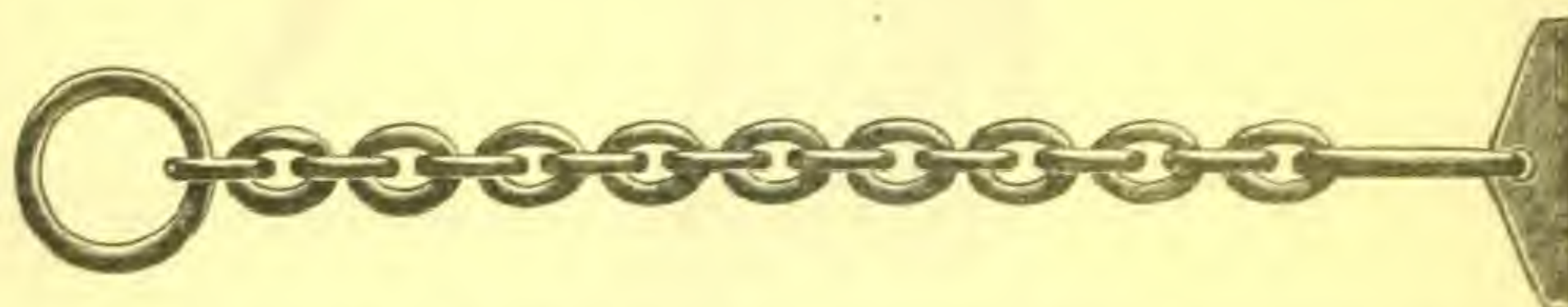


No. 636—Seamless one piece pike pole ferrule; weight per dozen, 4 lbs. Per dozen ..... \$4.80

## Boom Chains



No. 143—With long link on each end to connect with shackle.



No. 144—With Ring and Toggle; all sizes of boom chains supplied promptly; prices will be quoted on receipt of specification.

LOADING BLOCK



No. 581—Steel; swivel grab hook; rope sheave; link and band ring; sheave 5 x  $1\frac{1}{2}$  inch; weight each, 13  $\frac{1}{4}$  lbs. Each ..... \$4.80

SHEAVES



No. 585—Cast; rope sheave, for either of the blocks shown herewith, size  $1\frac{1}{2}$  x 5; weight each, 4 lbs. Each ..... \$1.00

No. 586—Chain sheave as illustrated, can also be used in blocks shown on this page. Each ..... \$1.10

SNATCH BLOCK

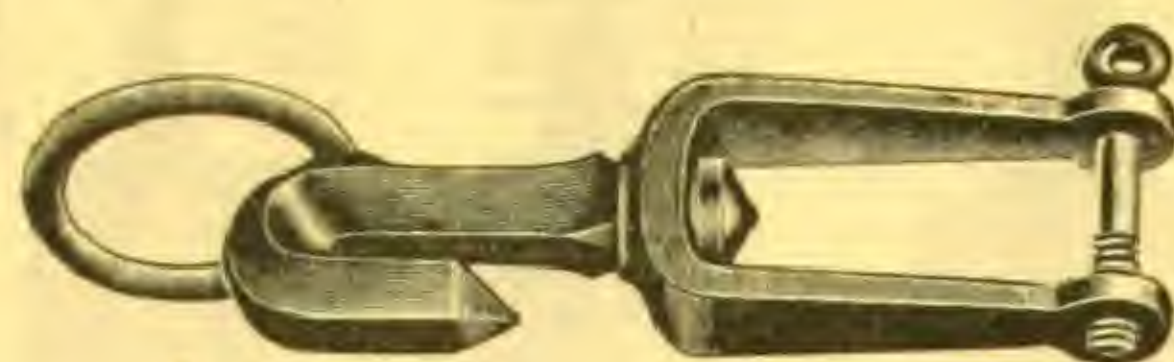


No. 583—Steel; swivel round hook; rope sheave; snatch block sheave 5 x  $1\frac{1}{2}$  inches; weight each 13  $\frac{1}{4}$  lbs. Each ..... \$6.00



# Chain Hooks

PILING HOOK



No. 666—Forged; swivel hook; with loose hand ring; heavy clevis with threaded bolt; weight per dozen, 75 lbs. Per dozen \$48.00

EVENER HOOK



No. 657—Forged; swivel head grab hook with hand ring; heavy ring; weight per dozen, 45 lbs. Per dozen \$25.20

ROUND HOOK



No. 674

GRAB HOOK



675

BAR HOOK



Hand Forged; from high grade steel; carefully made and dependable under all ordinary conditions. Order by number and size.

Size chain, inches	3 1/2	3 3/4	4	4 1/2	5	5 1/2
Weight per 100, lbs.	50	75	100	175	275	400
No. 674—Per 100	\$18.00	24.00	34.80	60.00	96.00	163.20
No. 675—Per 100						

Hand Forged; bar points for boom chains:

Number	677	678	679
Size, inches	3 1/2	3 3/4	4
Weight per 100, lbs.	20	27	33
Per 100	\$62.40	81.60	96.00

# Chain

ELECTRIC WELD COIL



Electric Weld; Coil; Selected Steel, formed and welded on patented automatic machinery.

Size, inches	1 1/2	2	2 1/2	3	3 1/2	4
Links per foot	15.7	17	15.7	13.5	12.2	10.9
Weight per 100 feet, lbs.	21	30	43	53	70	88
Proof test, lbs.	800	1100	1400	2000	2700	3000
Breaking test, lbs.	1800	2000	2600	4200	5200	6000
Per 100 lbs.	\$11.50	33.20	41.50	35.20	31.40	29.00
Size, inches	5	6	7	8	9	10
Links per foot	9.9	9.4	8.0	7.3	7	6.2
Weight per 100 feet, lbs.	106	145	210	270	400	575
Proof test, lbs.	4,600	5,500	7,500	10,000	12,500	15,100
Breaking test, lbs.	9,000	11,000	16,000	20,000	25,000	35,000
Per 100 lbs.	\$25.00	22.20	21.20	20.40	20.70	20.20

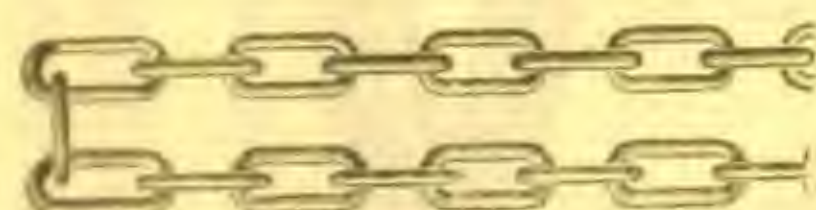
HERCULES INSWELL LOADING



Hercules Inswell loading; Coil; specially for lumbering and timber trade; high grade steel; close link; electric weld; high breaking test.

Size, inches	3
Links per foot	8 1/2
Weight per 100 feet, lbs.	350
Proof test, lbs.	11,500
Breaking test, lbs.	22,500
Working load, lbs.	6,325
Per 100 lbs.	\$59.00

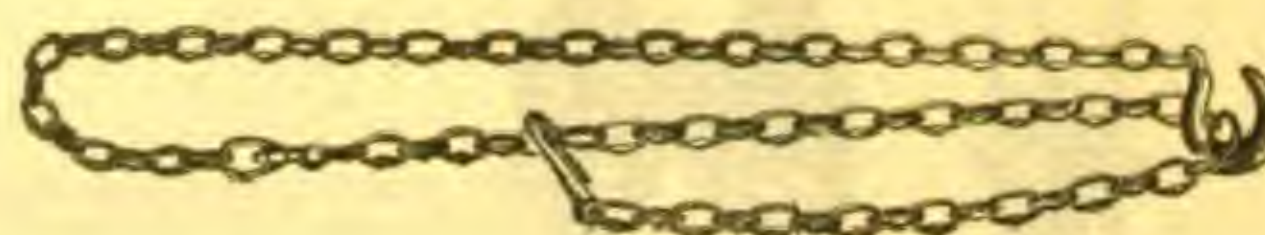
FIRE WELD COIL



Fire Weld; Coil; smooth weld open hearth steel; every link tested.

Size, inches	3/4	1	1 1/2	2
Links per foot	10	9	8	6 1/2
Weight per 100 feet, lbs.	155	200	260	400
Proof test, lbs.	3,600	4,500	6,500	9,500
Breaking test, lbs.	7,200	10,000	13,000	20,000
Per 100 lbs.	\$28.50	23.70	21.70	21.90

LOGGING



Electric Weld; logging chain; with swivel; grab hook and round hook.

Size, inches	3/4	1	1 1/2
Length, feet	14	14	16
Weight each, lbs.	17	23	26
Each	\$5.00	6.00	6.80



## Rope



Size, Diameter	Full Coils	Weight	No. of feet in 1 lb.	Strength of new manilla rope	Extra over base
3/4 inch	3333 feet	50 lbs.	66 feet 8 inches	480 lbs.	.02 1/2
7/8 inch	2750 "	50 "	55 feet	620 "	.02
1 inch	1820 "	50 "	36 feet 4 inches	1,000 "	.02
1 1/8 inch	1350 "	50 "	27 feet	1,275 "	.01 1/2
1 1/4 inch	1200 "	65 "	18 feet 6 inches	1,750 "	.01
1 3/8 inch	1200 "	90 "	13 feet 4 inches	2,450 "	.01
1 1/2 inch	1200 "	125 "	9 feet 7 inches	3,150 "	.01
1 5/8 inch	840 "	160 "	7 feet 6 inches	4,000 "	.00 1/2
1 3/4 inch	840 "	189 "	6 feet 1 inch	4,900 "	Base
1 7/8 inch	840 "	227 "	4 feet 9 inches	7,000 "	"
2 inch	840 "	353 "	3 feet 8 inches	8,200 "	"
2 1/8 inch	840 "	504 "	2 feet 5 inches	12,500 "	"
2 1/4 inch	840 "	907 "	1 foot 8 inches	17,500 "	"
2 1/2 inch	840 "		11 inches	30,000 "	"

Above extras over base are net.

The working strain of sisal or manilla is about one-third estimated strength. Manilla rope is about 25 per cent. stronger than sisal or New-Zealand.

The weights in the above table are for either sisal or manilla, there being practically no difference in weight between them.

Sisal—3 strand; best quality pure white sisal fibre. Base price per 100 lbs. \$0.32  
 New Zealand—3 strand; medium length manilla fibre. Base price per 100 lbs. \$0.36  
 Pure Manilla—3 strand; extra long pure manilla fibre. Base price per 100 lbs. \$0.40

## LATH YARN



Single Tarrad Sisal; for tying up lath, siding and all kinds of rough material where a knot that will hold is required. Weight per bale, 100 lbs.  
 Per lb. \$0.32

In coils, covered with hurlap.

## STAY WIRE



Galvanized; seven twisted steel wires; used for smokestack guys; bracing telephone and telegraph poles, etc.

Diameter, inches	1/4	3/8	1/2
Breaking strain, tons	2	2 1/2	3 1/2
Weight per 100 feet, lbs.	16	20	34
Per 100 lbs.	\$13.00	12.50	12.00

In coils of about 150 lbs.

## ROPE CLIPS



Cincinnati; wrought iron bolt; malleable iron plate; japanned finish; one clip enough for rope smaller than 1 1/2 inch; for larger rope use two.

For rope, inch	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	1 3/4	2
Weight each, lbs.	1	1	1	1	1	1	1	1	1
Per hundred	\$8.70	9.20	10.90	15.40	20.90	28.00	39.40	45.70	

Open Stock

## COTTON ROPE



Extra Quality 3-Strand; for clothes lines, guy ropes for tents, awnings, etc.

Size, inches	3/16	1/4	5/16	3/8	1/2
Strength, lbs.	308	500	740	990	1580
Weight per coil, lbs.	26	31	34	37	42

Per lb. \$0.96

\$0.98

In coils, wrapped in paper.

## CRUCIBLE CAST STEEL ROPE



Best Improved Crucible Cast Steel Rope for Elevator and other hoisting purposes; 6 strands of 19 wires each wound around a hemp centre; for best results use on pulleys or drums of diameter not less than shown in schedule below.

Diameter, inches	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	1 3/4	2
Circumference, inches	1 1/4	1 1/2	1 3/4	2	2 1/4	2 1/2	2 3/4	3	3 1/4
Weight per 100 feet, lbs.	11	14	21	38	58	85	115	160	
Breaking strain, tons	2 1/2	3 1/4	4 3/4	9	13 1/2	19 1/4	26 1/4	34 1/4	
Working load, tons	1 1/2	2	2 1/4	4 1/2	6 1/2	9 1/4	12 1/4	17 1/4	
Diam. of sheave, inches	12	15	18	24	30	36	42	48	
Per 100 feet	\$ P. O. A.								

On reels of 1000 feet; or cut to length.

## ROPE THIMBLES



Heavy Oval Galvanized; Bessemer Steel; suitable for ordinary or wire rope.

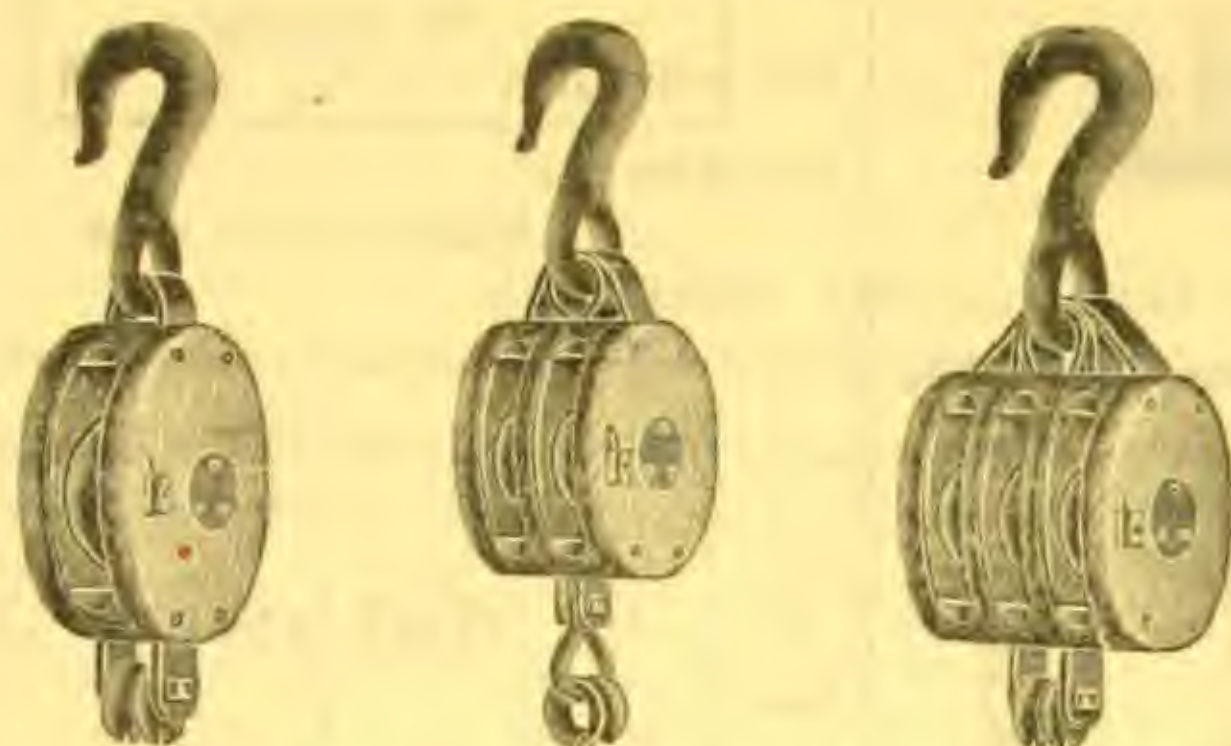
Width of score, inch	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	1 3/4	2
Circumference of rope, inches	1 1/4	1 1/2	1 3/4	2	2 1/4	2 1/2	2 3/4	3	3 1/4
Length, inches	1 1/4	2 1/4	2 1/4	2 1/4	3 1/4	3 1/4	4 1/4	4 1/4	4 1/4
Weight per dozen, lbs.	1 1/2	2	2	2	4	4	4 1/2	6 1/2	8 1/2
Per hundred	\$11.00	12.50	14.80	19.20	31.40	37.10	48.40	61.80	

Open Stock



## Tackle Blocks

## WOOD BLOCKS

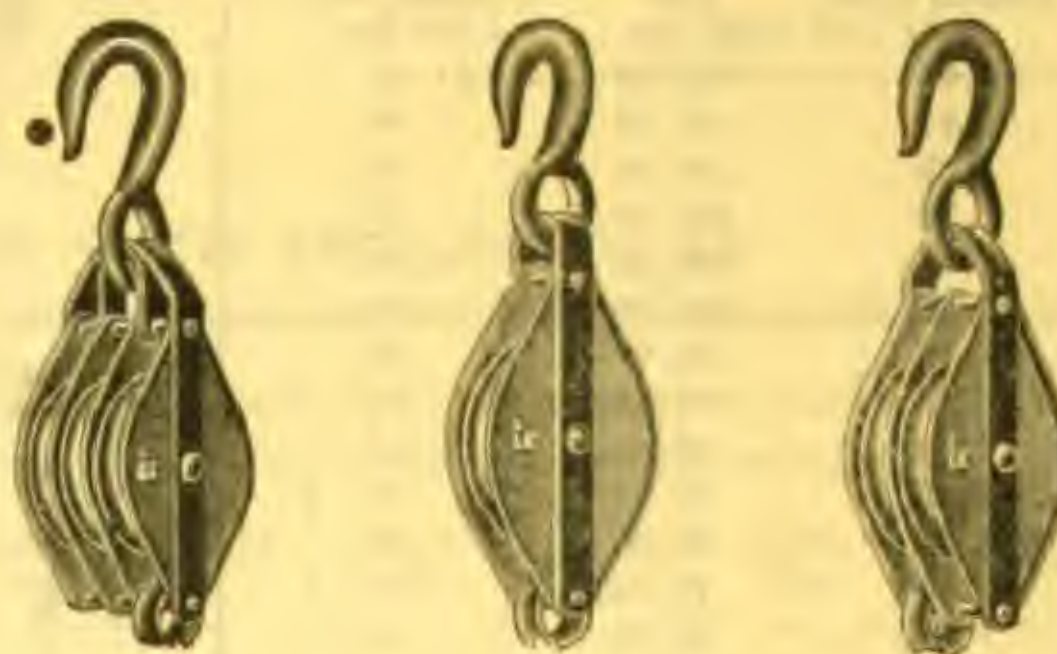


Anvil Brand; Regular Pattern; iron strapped; iron sheaves and bushings; loose hooks; becket if desired.

Length of shell, inches...	3	4	5	6	7	8	10
Diam. of rope, inches...	1	1 1/2	2	2 1/2	3	3 1/2	4 1/2
Size of sheave, inches...	1 1/2 x 1 1/2	2 1/2 x 1 1/2	3 x 1 1/2	3 1/2 x 1 1/2	4 1/2 x 1 1/2	5 1/2 x 1 1/2	6 1/2 x 1 1/2
Weight, each—							
Single, lbs.	1	1 1/2	3	5	6 1/2	8 1/2	18
Double, lbs.	1 1/2	2 1/2	4	7	10 1/2	13 1/2	22
Triple, lbs.				8 3/4	12 1/2	20	32
Single, Each	\$1.06	1.28	1.36	1.66	1.96	2.48	4.12
Double, Each	\$1.96	2.40	2.62	3.00	3.69	4.28	6.76
Triple, Each				2.18	5.26	6.38	9.38

Open Stock.

## STEEL BLOCKS



Length of shell, ins.	3	4	5	6	7	8	10
Diam. of rope, inches	1	1 1/2	2	2 1/2	3	3 1/2	4 1/2
Size of sheave, inches	1 1/2 x 1 1/2	2 1/2 x 1 1/2	3 x 1 1/2	3 1/2 x 1 1/2	4 1/2 x 1 1/2	5 1/2 x 1 1/2	6 1/2 x 1 1/2
Wt., Single, each, lbs.	1 1/4	1 3/4	2 1/2	5	7	11	20 1/2
Wt., Double, each, lbs.	2 1/2	3 3/4	4 1/2	8	11	16	32
Wt., Triple, each, lbs.				11	15	22	40
Single, Each	\$0.94	1.14	1.20	1.46	1.74	2.48	4.12
Double, Each	1.74	2.14	2.34	2.66	3.20	4.28	6.76
Triple, Each				3.86	4.66	6.38	9.38

Open Stock.

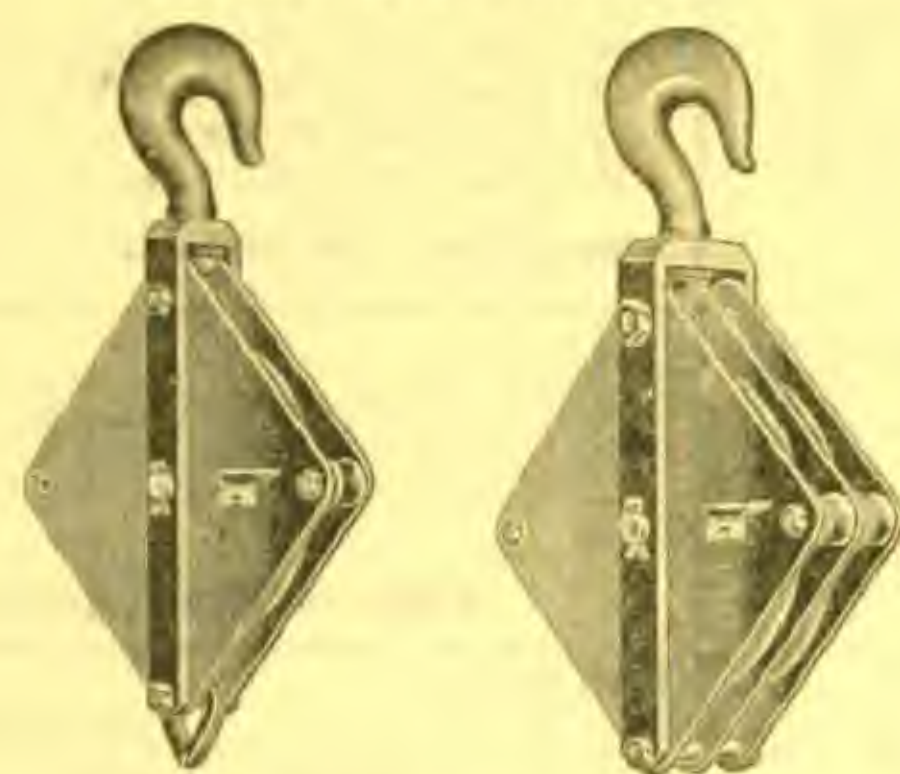
## SNATCH BLOCKS



Length of shell, inches	6	8	10
Diameter of rope, inches	1 1/2	2	2 1/2
Size of sheave, inches	3 x 1 1/2	4 x 1 1/2	5 x 1 1/2
Weight each, lbs.	6	12	23
Wood Shell, Each	\$5.60	8.00	11.90

Open Stock.

## WIRE ROPE BLOCKS



Anvil Brand; Diamond Shell Pattern; Wrought Iron; Phosphor Bronze Self-Lubricating Bushings; for wire rope; loose side hooks; shackles in place of hooks if desired; especially for use with wire rope.

Size	8	10	12
Diameter of rope, inches	1 1/2	2	2 1/2
Size of sheave, inches	8 x 1 1/2	10 x 1 1/2	12 x 1 1/2
Weight each, Single, lbs.	25	40	70
Weight each, Double, lbs.	42	68	105
Single, Each	\$13.20	15.60	18.00
Double, Each	22.80	25.20	27.60

Open Stock.

## HOISTING BLOCKS

Weston's Differential Direct; automatic brake; hold load at any point; complete with chain.

Numbers	80	81	82	83
Capacity, tons	1 1/2	1	1 1/2	2
Hoist, feet	8	8	8	8
Minimum between hooks, inches	21	26	32	39
Pull on chain, lbs.	122	216	246	308
Length of chain, feet	32	32	32	32
Weight each, lbs.	35	51	81	122
Each	\$25.00	29.30	39.00	52.00

Open Stock.

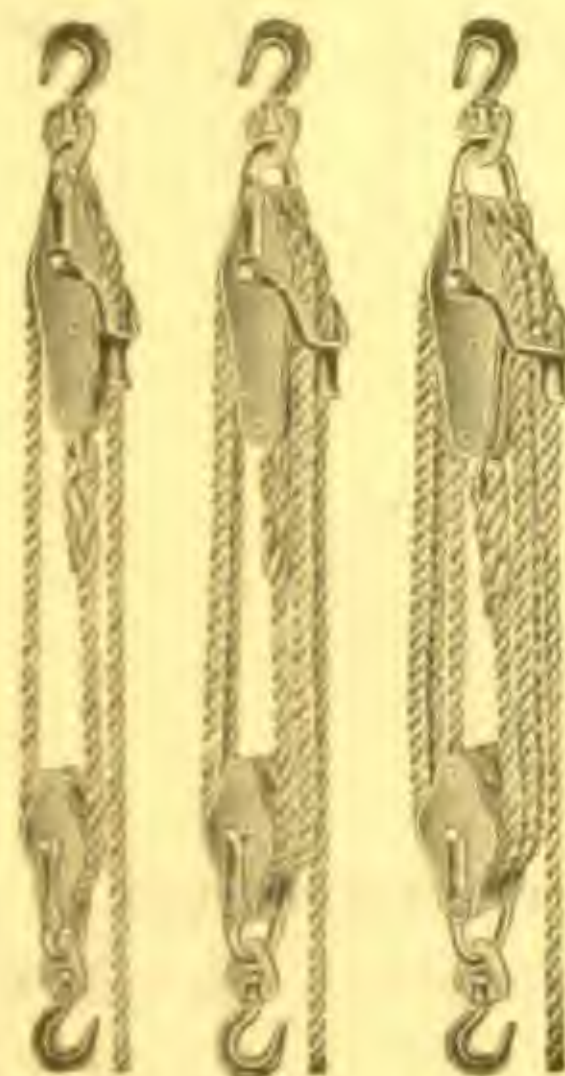
Star Rope Hoist; Roller Bearing Steel Blocks; drop forged yokes; swivel hooks, rope guide and brake; aluminum finish; no rope supplied unless ordered separately.

Numbers	22	32	33	43
Capacity, lbs.	1000	2000	3000	4000
Style	double	double	triple	triple
Weight each, lbs.	6	8	12	15
Each	\$6.00	8.00	10.00	12.50

Open Stock.



WESTON



STAR



## Bar Iron and Steel

FLAT BAR IRON			
Size, inches	Weight per Lineal Foot, lbs.	Lineal Feet Per 100 lbs.	Extra Over Base Per 100 lbs.
3/16 x	3/16	.46	213.22
	1/8	.54	180.50
	1/4	.62	160.00
	3/8	.78	128.04
	1/2	.93	106.61
	5/8	.62	159.49
	3/4	.73	136.99
	7/8	.83	120.05
	1	1.03	96.25
	1 1/4	1.25	79.75
1/4 x	1 1/2	1.46	68.49
	2	1.66	60.03
	2 1/4	1.87	53.42
	2 1/2	2.07	48.13
	2 3/4	2.29	43.61
	3	2.49	39.88
	3 1/2	2.92	34.25
	4	3.33	30.01
	5	4.16	24.06
	6	4.99	19.94
5/16 x	1	1.03	96.25
	1 1/4	1.30	84.22
	1 1/2	1.55	72.19
	1 3/4	1.82	60.16
	2	2.07	48.13
	2 1/4	2.34	45.12
	2 1/2	2.60	42.11
	3	3.11	36.09
	3 1/2	3.64	30.08
	4	4.15	24.07
3/8 x	1	1.25	80.00
	1 1/4	1.56	64.02
	1 1/2	1.87	53.31
	1 3/4	2.18	46.66
	2	2.50	40.00
	2 1/4	2.81	36.01
	2 1/2	3.12	32.01
	3	3.75	26.66
	3 1/2	4.37	23.33
	4	5.00	20.00
1/2 x	1	1.66	60.02
	1 1/4	2.08	52.52
	1 1/2	2.49	45.02
	1 3/4	2.71	37.52
	2	3.33	30.01
	2 1/4	3.74	28.13
	2 1/2	4.16	26.26
	3	4.99	22.51
	3 1/2	5.43	18.76
	4	6.66	15.01
5/8 x	5	8.33	13.13
	6	9.99	11.25
	1	2.07	48.13
	1 1/4	2.60	42.11
	1 1/2	3.11	36.09
	1 3/4	3.63	30.08
	2	4.15	24.06
	2 1/4	4.68	22.56
	2 1/2	5.19	21.06
	3	6.23	18.05
3/4 x	4	8.31	12.03
	5	10.39	10.53
	6	12.46	9.03
	1	2.07	48.13
	1 1/4	2.60	42.11
	1 1/2	3.11	36.09
	1 3/4	3.63	30.08
	2	4.15	24.06
	2 1/4	4.68	22.56
	2 1/2	5.19	21.06

\*Base Sizes 1 to 6 inches by 1/4 to 1 inch.  
Base Price, per 100 lbs. \$

\*NOTE—To ascertain the correct price on any size of iron take base price and add extra given in extra column. All extras are net and not subject to discount.

## ROUND BAR IRON



Diameter, inches	Weight per Lineal Foot, lbs.	Lineal Feet Per 100 lbs.	Extra Over Base, Per 100 lbs.
3/16	.09	1036.41	\$1.50
1/8	.16	609.75	.65
1/4	.25	399.63	.45
3/8	.36	271.74	.35
1/2	.50	199.60	.25
5/8	.65	152.67	.15
3/4	.82	120.77	.10
7/8	1.02	97.75	Base
1	1.47	67.89	Base
1 1/4	2.00	49.88	Base
1 1/2	2.61	38.18	Base
1 3/4	3.31	30.18	Base
2	4.09	24.44	Base
2 1/2	5.89	16.12	Base
3	8.01	12.47	Base
4	10.47	9.55	Base

Base Price per 100 lbs. \$

## SQUARE BAR IRON

Size, inches	Weight per Lineal Foot, lbs.	Lineal Feet Per 100 lbs.	Extra Over Base, Per 100 lbs.
3/16	.32	307.69	\$0.45
1/8	.46	213.68	.35
1/4	.83	119.90	.15
3/8	1.30	76.80	.10
1/2	1.87	53.30	Base
5/8	2.55	39.17	Base
3/4	3.33	29.99	Base
1	5.21	19.19	Base
1 1/4	7.50	13.33	Base

Base Price per 100 lbs. \$

## BAND IRON

No. 10 Gauge

Width, inches	3/4	1	1 1/4	1 1/2	1 3/4
Weight per lineal foot, lbs.	.32	.37	.43	.53	.64
Extra per 100 lbs.	\$0.80	.50	.45	.45	.40
Width, inches	2	2 1/2	3	3 1/2	4
Weight per lineal ft., lbs.	.85	1.06	1.28	1.49	1.70
Extra per 100 lbs.	\$0.40	.40	.40	.40	.40

Base Price, Per 100 lbs. \$

Bundles of about 56 lbs.

## MACHINERY STEEL

Size, inches	Iron Finish Extra	Reeled Extra
3/16 round	.40	.60
1/8 " "	.30	.60
1/4 " "	.20	.60
3/8 " "	.20	.60
1/2 " "	.15	.40
5/8 " "	.15	.40
3/4 " "	Base	.40
1 " to 1 1/4 round	"	.30
1 1/2 to 1 3/4 " "	"	.25
1 1/2 to 2 1/4 " "	"	.15
2 1/4 to 3 " "	"	Base

Base Price per 100 lbs. \$

## HOOP STEEL

No. 19 Gauge

Size, inches	3/4	1	1 1/4	1 1/2	2
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Per 100 lbs. \$

Bundles of about 56 lbs.

## STEEL ANGLES

Sizes	Extra
3/4 x 1 and 1 1/4	.20
3/8 x 1 and 1 1/4	.25
3/8 x 1 1/2 and 2	.20
1/2 x 1 and 1 1/4	.25
1/2 x 1 1/2, 2 and 2 1/2	.20

Base Price, Per 100 lbs. \$

## SLEIGH SHOE STEEL

Size, inches	Extra
3/4 x 1 1/4, 1 1/2, 2, 2 1/4 and 2 1/2	.15
3/8 x 1 1/4, 1 1/2, 2, 2 1/4, 2 1/2 and 3	.15
3/8 x 1 1/2, 2, 2 1/4, 2 1/2 and 3	Base
1/2 x 1 1/4, 2, 2 1/2 and 3	"

Base Price, Per 100 lbs. \$

## TIRE STEEL (Round Edge)

Size, inches	Extra
3/4 x 1, 1 1/4 and 1 1/2	.15
3/8 x 1, 1 1/4, 1 1/2, 1 3/4, 2 and 2 1/2	Base
3/8 x 1 1/2, 2 and 2 1/2	"
1/2 x 1 1/4, 2, 2 1/2 and 3	"
1/2 x 2 1/2 and 3	"

Base Price, Per 100 lbs. \$

## TOE CALK STEEL

Size, inches	Per 100 lbs. \$
3/4 x 3/4	\$
3/4 x 1	\$
3/4 x 1 1/4	\$
3/4 x 1 1/2	\$
3/4 x 1 3/4	\$
3/4 x 2	\$
3/4 x 2 1/4	\$
3/4 x 2 1/2	\$
3/4 x 3	\$
1 x 1	\$

## Black Diamond Cast Steel



## SQUARE BARS

Size, inches	3/4	1	1 1/4	1 1/2
Weight per foot, lbs.	1.90	3.40	5.32	7.66
Per pound	\$	\$	\$	\$

## ROUND BARS

Size, inches	3/4	1	1 1/4
Weight per foot, lbs.	.67	1.01	1.50
Per pound	\$	\$	\$
Size, inches	3/4	1	1 1/4
Weight per foot, lbs.	2.04	2.67	4.10
Per pound	\$	\$	\$

## OCTAGON BARS

Size, inches	3/4	1	1 1/4	1 1/2
Weight per foot, lbs.	.84	1.23	1.75	2.25
Per pound	\$	\$	\$	\$
Size, inches	1	1 1/4	1 1/2	1 3/4
Weight per foot, lbs.	2.75	3.65	4.65	6.45
Per pound	\$	\$	\$	\$



## Carriage Bolts

DISCOUNT

Manufacturers' List Adopted  
July 7th, 1913

## COMMON OVAL-HEAD CARRIAGE BOLTS WITH FORGED NUTS

Length in.	Diameter $\frac{1}{8}$ inch		Diameter $\frac{1}{4}$ inch		Diameter $\frac{3}{8}$ inch		Diameter $\frac{1}{2}$ inch		Diameter $\frac{5}{8}$ inch		Diameter $\frac{3}{4}$ inch		Diameter $\frac{7}{8}$ inch		Diameter 1 inch		Length in.
	Wght. per 100 lbs.	Mfr's List	Wght. per 100 lbs.	Mfr's List	Wght. per 100 lbs.	Mfr's List	Wght. per 100 lbs.	Mfr's List	Wght. per 100 lbs.	Mfr's List	Wght. per 100 lbs.	Mfr's List	Wght. per 100 lbs.	Mfr's List	Wght. per 100 lbs.	Mfr's List	
1	2	\$1.00	3	\$1.00	5	\$1.40	8	\$1.90	13	2.20	18	3.25	20	3.25	36	5.75	1
1 1/4	3	1.00	4	1.00	6	1.40	9	1.90	14	2.06	21	3.00	29	3.81	48	6.51	1 1/4
1 1/2	3	1.00	4	1.00	6	1.40	9	1.90	14	2.06	21	3.00	29	3.81	48	6.51	1 1/2
1 3/4	3	1.10	4	1.10	7	1.52	11	2.06	15	2.40	20	3.25	36	5.75	68	9.00	1 3/4
2	3	1.10	4	1.10	7	1.52	11	2.06	15	2.40	20	3.25	36	5.75	68	9.00	2
2 1/4	3	1.20	5	1.20	8	1.64	12	2.22	17	2.60	23	3.25	39	5.75	74	9.50	2 1/4
2 1/2	4	1.20	5	1.20	8	1.64	12	2.22	17	2.60	23	3.25	39	5.75	74	9.50	2 1/2
2 3/4	4	1.30	6	1.30	9	1.76	13	2.38	19	2.80	25	3.53	44	6.13	88	10.50	2 3/4
3	4	1.30	6	1.30	9	1.76	13	2.38	19	2.80	25	3.53	44	6.13	88	10.50	3
3 1/4	4	1.40	7	1.40	10	1.88	15	2.54	21	3.00	29	3.81	51	6.89	101	11.50	3 1/4
3 1/2	4	1.50	7	1.50	11	2.00	17	2.70	23	3.20	31	4.09	51	6.89	101	11.50	3 1/2
3 3/4	4	1.60	8	1.60	13	2.12	18	2.86	25	3.40	33	4.37	54	7.27	108	12.00	3 3/4
4	4	1.70	9	1.70	14	2.24	20	3.02	27	3.60	36	4.65	60	7.65	114	12.50	4
4 1/4	4	1.80	9	1.80	15	2.36	22	3.18	30	3.80	39	4.93	66	8.03	120	13.00	4 1/4
4 1/2	4	1.90	10	1.90	16	2.48	23	3.34	32	4.00	41	5.21	70	8.41	126	13.50	4 1/2
4 3/4	4	2.00	10	2.00	17	2.60	25	3.50	33	4.20	43	5.49	72	8.79	133	14.00	4 3/4
5	4	2.10	10	2.10	18	2.72	27	3.66	35	4.40	45	5.77	77	9.17	145	15.00	5
5 1/4	4	2.20	10	2.20	20	2.84	29	3.82	37	4.60	48	6.05	81	9.55	151	15.50	5 1/4
5 1/2	4	2.30	10	2.30	21	2.96	30	3.98	39	4.80	51	6.33	84	9.93	157	16.00	5 1/2
5 3/4	4	2.40	10	2.40	31	3.14	41	5.00	55	6.61	88	10.31	139	14.50	160	16.00	5 3/4
6	4	2.50	10	2.50	33	3.30	44	5.20	57	6.89	94	10.69	145	15.00	170	17.00	6
6 1/4	4	2.60	10	2.60	34	3.46	45	5.40	60	7.17	98	11.07	151	15.50	182	18.00	6 1/4
6 1/2	4	2.70	10	2.70	36	3.62	47	5.60	62	7.45	102	11.45	157	16.00	195	19.00	6 1/2
6 3/4	4	2.80	10	2.80	36	3.62	47	5.60	62	7.45	102	11.45	157	16.00	207	20.00	6 3/4
7	4	2.90	10	2.90	36	3.62	47	5.60	62	7.45	102	11.45	157	16.00	220	21.00	7
7 1/4	4	3.00	10	3.00	36	3.62	47	5.60	62	7.45	102	11.45	157	16.00	232	22.00	7 1/4
7 1/2	4	3.10	10	3.10	36	3.62	47	5.60	62	7.45	102	11.45	157	16.00	232	22.00	7 1/2
7 3/4	4	3.20	10	3.20	36	3.62	47	5.60	62	7.45	102	11.45	157	16.00	232	22.00	7 3/4
8	4	3.30	10	3.30	36	3.62	47	5.60	62	7.45	102	11.45	157	16.00	232	22.00	8
8 1/4	4	3.40	10	3.40	36	3.62	47	5.60	62	7.45	102	11.45	157	16.00	232	22.00	8 1/4
8 1/2	4	3.50	10	3.50	36	3.62	47	5.60	62	7.45	102	11.45	157	16.00	232	22.00	8 1/2
8 3/4	4	3.60	10	3.60	36	3.62	47	5.60	62	7.45	102	11.45	157	16.00	232	22.00	8 3/4
9	4	3.70	10	3.70	36	3.62	47	5.60	62	7.45	102	11.45	157	16.00	232	22.00	9
9 1/4	4	3.80	10	3.80	36	3.62	47	5.60	62	7.45	102	11.45	157	16.00	232	22.00	9 1/4
9 1/2	4	3.90	10	3.90	36	3.62	47	5.60	62	7.45	102	11.45	157	16.00	232	22.00	9 1/2
9 3/4	4	4.00	10	4.00	36	3.62	47	5.60	62	7.45	102	11.45	157	16.00	232	22.00	9 3/4
10	4	4.10	10	4.10	36	3.62	47	5.60	62	7.45	102	11.45	157	16.00	232	22.00	10
11	4	4.20	10	4.20	36	3.62	47	5.60	62	7.45	102	11.45	157	16.00	232	22.00	11
12	4	4.30	10	4.30	36	3.62	47	5.60	62	7.45	102	11.45	157	16.00	232	22.00	12
13	4	4.40	10	4.40	36	3.62	47	5.60	62	7.45	102	11.45	157	16.00	232	22.00	13
14	4	4.50	10	4.50	36	3.62	47	5.60	62	7.45	102	11.45	157	16.00	232	22.00	14
15	4	4.60	10	4.60	36	3.62	47	5.60	62	7.45	102	11.45	157	16.00	232	22.00	15
16	4	4.70	10	4.70	36	3.62	47	5.60	62	7.45	102	11.45	157	16.00	232	22.00	16

Sizes  $\frac{1}{8}$  and  $\frac{1}{4}$  inch, 100 in package; sizes  $\frac{3}{8}$  to  $\frac{1}{2}$  inch, 50 in package.

## Machine Bolts

DISCOUNT

Manufacturers' List Adopted  
August 1st, 1912

## WITH FINISHED POINT, SQUARE HEAD AND NUT

Length in.	Diam. $\frac{1}{8}$ inch		Diam. $\frac{1}{4}$ inch		Diam. $\frac{3}{8}$ inch		Diam. $\frac{1}{2}$ inch		Diam. $\frac{5}{8}$ inch		Diam. $\frac{3}{4}$ inch		Diam. $\frac{7}{8}$ inch		Diam. 1 inch		Length in.		
	Wght. per 100 lbs.	Mfr's List	Wght. per 100 lbs.	Mfr's List	Wght. per 100 lbs.	Mfr's List	Wght. per 100 lbs.	Mfr's List	Wght. per 100 lbs.	Mfr's List	Wght. per 100 lbs.	Mfr's List	Wght. per 100 lbs.	Mfr's List	Wght. per 100 lbs.	Mfr's List			
1	2	\$1.70	3	\$2.00	5	\$2.40	8	3.00	13	2.80	18	3.60	32	5.20	58	8.25	102	16.00	1
1 1/4	2 1/4	1.70	4 1/4	2.00	7 1/4	2.40	10 1/4	2.40	13 1/4	2.80	18 1/4	3.60	32 1/4	5.20	58 1/4	8.25	102 1/4	16.00	1 1/4
1 1/2	3	1.70	6	2.00	10	2.40	13	2.80	18	3.00	20	3.86	37	5.58	58	8.25	102	16.00	1 1/2
1 3/4	3 1/4	1.78	6 1/4	2.12	10 1/4	2.56	13 1/4	2.56	15 1/4	3.00	20	3.86	37	5.58	58	8.25	102	16.00	1 3/4
2	4	1.78	7 1/4	2.12	11 1/4	2.56	15 1/4	2.56	17 1/4	3.00	20	3.86	37	5.58	58	8.25	102	16.00	2
2 1/4	4 1/4	1.86	7 1/4	2.24	12 1/4	2.72	17 1/4	2.72	19 1/4	3.00	20	3.86	37	5.58	58	8.25	102	16.00	2 1/4
2 1/2	5	1.86	8 1/4	2.24	13 1/4	2.72	17 1/4	2.72	19 1/4	3.00	20	3.86	37	5.58	58	8.25	102	16.00	2 1/2
2 3/4	5 1/4	1.94	8 1/4	2.36	13 1/4	2.88	19 1/4	2.88	21 1/4	3.00	20	3.86	37	5.58	58	8.25	102	16.00	2 3/4
3	6	1.94	9 1/4	2.36	14 1/4	2.88	19 1/4	2.88	21 1/4	3.00	20	3.86	37	5.58	58	8.25	102	16.00	3
3 1/4	7	2.02	10 1/4	2.48	16 1/4	3.04	21 1/4	3.04	23 1/4	3.00	20	3.86	37	5.58	58	8.25	102	16.00	3 1/4
3 1/2	7 1/4	2.10	11 1/4	2.60	17 1/4	3.20	23 1/4	3.20	25 1/4	3.00	20	3.86	37	5.58	58	8.25	102	16.00	3 1/2
3 3/4	7 3/4	2.18	12 1/4	2.72	19 1/4	3.36	25 1/4	3.36	27 1/4	3.00	20	3.86	37	5.58	58	8.25	102	16.00	3 3/4
4	8	2.26	13 1/4	2.84	20 1/4	3.52	27 1/4	3.52	29 1/4	3.00	20	3.86	37	5.58	58	8.25	102	16.00	4
4 1/4	8 1/4	2.34	14 1/4	2.96	22 1/4	3.68	30 1/4	3.68	32 1/4	3.00	20	3.86	37	5.58	58	8.25	102	16.00	4 1/4
4 1/2	8 1/2	2.42	15 1/4	3.08	24 1/4	3.84	34 1/4	3.84	36 1/4	3.00	20	3.86	37	5.58	58	8.25	102	16.00	4 1/2
4 3/4	8 3/4	2.50	16 1/4	3.20	26 1/4	4.00	38 1/4	4.00	40 1/4	3.00	20	3.86	37	5.58	58	8.25	102	16.00	4 3/4
5	9	2.58	17 1/4	3.32	28 1/4	4.16	42 1/4	4.16	44 1/4	3.00	20	3.86	37	5.58	58	8.25	102	16.00	5
5 1/4	9 1/4	2.66	18 1/4	3.44	30 1/4	4.32	46 1/4	4.32	48 1/4	3.00	20	3.86	37	5.58	58	8.25	102	16.00	5 1/4
5 1/2	9 1/2	2.74	19 1/4	3.56	32 1/4	4.48	50 1/4	4.48	52 1/4	3.00	20	3.86	37	5.58	58	8.25	102	16.00	5 1/2
5 3/4	9 3/4	2.82	20 1/4	3.68	34 1/4	4.64	54 1/4	4.64	56 1/4	3.00	20	3.86	37	5.58	58	8.25	102	16.00	5 3/4
6	10	2.90	21 1/4	3.80	36 1/4	4.80	58 1/4	4.80	60 1/4	3.00	20	3.86	37	5.58	58	8.25	102	16.00	6
6 1/4	10 1/4	2.98	22 1/4	3.92	38 1/4	4.96	62 1/4	4.96	64 1/4	3.00	20	3.86	37	5.58	58	8.25	102	16.00	6 1/4
6 1/2	10 1/2	3.06	23 1/4	4.04	40 1/4	5.12	66 1/4	5.12	68 1/4	3.00	20	3.86	37	5.58	58	8.25	102	16.00	6 1/2
6 3/4	10 3/4	3.14	24 1/4	4.16	42 1/4	5.28	70 1/4	5.28	72 1/4	3.00	20	3.86	37	5.58	58	8.25	102	16.00	6 3/4
7	11	3.22	25 1/4	4.28	44 1/4	5.44	74 1/4	5.44	76 1/4	3.00	20	3.86	37	5.58	58	8.25	102	16.00	7
7 1/4	11 1/4	3.30	26 1/4	4.40	46 1/4	5.60	78 1/4	5.60	80 1/4	3.00	20	3.86	37	5.58	58	8.25	102	16.00	7 1/4
7 1/2	11 1/2	3.38	27 1/4	4.52	48 1/4	5.76	82 1/4	5.76	84 1/4	3.00	20	3.86	37	5.58	58	8.25	102	16.00	7 1/2
7 3/4	11 3/4	3.46	28 1/4	4.64	50 1/4	5.92	86 1/4	5.92	88 1/4	3.00	20	3.86	37	5.58	58	8.25	102	16.00	7 3/4
8	12	3.54	29 1/4	4.76	52 1/4	6.08	90 1/4	6.08	92 1/4	3.00	20	3.86	37	5.58	58	8.25	102	16.00	8
8 1/4	12 1/4	3.62	30 1/4	4.88	54 1/4	6.24	94 1/4	6.24	96 1/4	3.00	20	3.86	37	5.58	58	8.25	102	16.00	8 1/4
8 1/2	12 1/2	3.70	31 1/4	5.00	56 1/4	6.40	98 1/4	6.40	100 1/4	3.00	20	3.86	37	5.58	58	8.25	102	16.00	8 1/2
8 3/4	12 3/4	3.78	32 1/4	5.12	58 1/4	6.56	102 1/4	6.56	104 1/4	3.00	20	3.86	37	5.58	58	8.25	102	16.00	8 3/4
9	13	3.86	33 1/4	5.24	60 1/4	6.72	106 1/4	6.72	108 1/4	3.00	20	3.86	37	5.58	58	8.25	102	16.00	9
9 1/4	13 1/4	3.94	34 1/4	5.36	62 1/4	6.88	110 1/4	6.88	112 1/4	3.00	20	3.86	37	5.58	58	8.25	102	16.00	9 1/4
9 1/2	13 1/2	4.02	35 1/4	5.48	64 1/4	7.04	114 1/4	7.04	116 1/4	3.00	20	3.86	37	5.58	58	8.25	102	16.00	9 1/2
9 3/4	13 3/4	4.10	36 1/4	5.60	66 1/4	7.20	118 1/4	7.20	120 1/4	3.00	20	3.86	37	5.58	58	8.25	102	16.00	9 3/4
10	14	4.18	37 1/4	5.72	68 1/4	7.36	122 1/4	7.36	124 1/4	3.00	20	3.86	37	5.58	58	8.25	102	16.00	10
10 1/4	14 1/4	4.26	38 1/4	5.84	70 1/4	7.52	126 1/4	7.52	128 1/4	3.00	20	3.86	37	5.58	58	8.25	102	16.00	10 1/4
10 1/2	14 1/2	4.34	39 1/4	5.96	72 1/4	7.68	130 1/4	7.68	132 1/4	3.00	20	3.86	37	5.58	58	8.25	102	16.00	10 1/2
10 3/4	14 3/4	4.42	40 1/4	6.08	74 1/4	7.84	134 1/4	7.84	136 1/4	3.00	20	3.86	37	5.58	58	8.25	102	16.00	10 3/4
11	15	4.50	41 1/4	6.20	76 1/4	8.00	138 1/4	8.00	140 1/4	3.00	20	3.86	37	5.58	58	8.25	102	16.00	11
11 1/4	15 1/4	4.58	42 1/4	6.32	78 1/4	8.16	142 1/4	8.16	144 1/4	3.00	20	3.86	37	5.58	58	8.25	102	16.00	11 1/4
11 1/2	15 1/2	4.66	43 1/4	6.44	80 1/4	8.32	146 1/4	8.32	148 1/4	3.00	20	3.86	37	5.58	58	8.25	102	16.00	11 1/2
11 3/4	15 3/4	4.74	44 1/4	6.56	82 1/4	8.48	150 1/4	8.48	152 1/4	3.00	20	3.86	37	5.58	58	8.25	102	16.00	11 3/4
12	16	4.82	45 1/4	6.68	84 1/4	8.64	154 1/4	8.64	156 1/4	3.00	20	3.86	37	5.58	58	8.25	102	16.00	12
12 1/4	16 1/4	4.90	46 1/4	6.80	86 1/4	8.80	158 1/4	8.80	160 1/4	3.00	20	3.86	37	5.58	58	8.25	102	16.00	12 1/4
12 1/2	16 1/2	4.98	47 1/4	6.92	88 1/4	8.96	162 1/4	8.96	164 1/4	3.00	20	3.86	37	5.58	58	8.25	102	16.00	12 1/2
12 3/4	16 3/4	5.06	48 1/4	7.04	90 1/4	9.12	166 1/4	9.12	168 1/4	3.00	20	3.86	37	5.58	58	8.25	102	16.00	12 3/4
13	17	5.14	49 1/4	7.16	92 1/4	9.28	170 1/4	9.28	172 1/4	3.00	20	3.86	37	5.58	58	8.25	102	16.00	13
13 1/4	17 1/4	5.22	50 1/4	7.28	94 1/4	9.44	174 1/4	9.44	176 1/4	3.00	20	3.86	37	5.58	58	8.25	102	16.00	13 1/4
13 1/2	17 1/2	5.30	51 1/4	7.40	96 1/4	9.60	178 1/4	9.60	180 1/4	3.00	20	3.86	37	5.58	58	8.25	102	16.00	13 1/2
13 3/4	17 3/4	5.38	52 1/4	7.52	98 1/4	9.76	182 1/4	9.76	184 1/4	3.00	20	3.86	37	5.58	58	8.25	102	16.00	13 3/4
14	18	5.46	53 1/4	7.64	100 1/4	9.92	186 1/4	9.92	188 1/4	3.00	20	3.86	37	5.58	58	8.25	102	16.00	14
14 1/4	18 1/4	5.54	54 1/4	7.76	102 1/4	10.08	190 1/4	10.08	192 1/4	3.00	20	3.86	37	5.58	58	8.25	102	16.00	14 1/4
14 1/2	18 1/2	5.62	55 1/4	7.88	104 1/4	10.24	194 1/4	10.24	196 1/4	3.00	20	3.86	37	5.58	58	8.25	102	16.00	14 1/2
14 3/4	18 3/4	5.70	56 1/4	8.00	106 1/4	10.40	198 1/4	10.40	200 1/4	3.00	20	3.86	37	5.58	58	8.25	102	16.00	14 3/4
15	19	5.78	57 1/4	8.12	108 1/4	10.56	202 1/4	10.56	204 1/4	3.00	20	3.86	37	5.58	58	8.25	102	16.00	15
15 1/4	19 1/4	5.86	58 1/4	8.24	110 1/4	10.72	206 1/4	10.72	208 1/4	3.00	20	3.86	37	5.58	58	8.25	102	16.00	15 1/4
15 1/2	19 1/2	5.94	59 1/4	8.36	112 1/4	10.88	210 1/4	10.88	212 1/4	3.00	20	3.86	37	5.58	58	8.25	102	16.00	15 1/2
15 3/4	19 3/4	6.02	60 1/4	8.48	114 1/4	11.04	214 1/4	11.04	216 1/4	3.00	20	3.86	37	5.58	58	8.25	102	16.00	15 3/4
16	20	6.10	61 1/4	8.60	116 1/4	11.20	218 1/4	11.20	220 1/4	3.00	20	3.86	37	5.58	58	8.25	102	16.00	16
16 1/4	20 1/4	6.18	62 1/4	8.72	118 1/4	11.36	222 1/4	11.36	224 1/4	3.00	20	3.86	37	5.58	58	8.25	102	16.00	16 1/4
16 1/2	20 1/2	6.26	63 1/4	8.84	120 1/4	11.52	226 1/4	11.52	228 1/4	3.00	20	3.86	37	5.58	58	8.25	102	16.00	16 1/2
16 3/4	20 3/4	6.34	64 1/4	8.96	122 1/4	11.68	230 1/4	11.68	232 1/4	3.00	20	3.86							



DISCOUNT  
COACH SCREWS

## Coach Screws

Manufacturers' List Adopted  
Jan. 1st, 1909

## SQUARE HEAD GIMLET POINT

Length of Coach Screw is measured from under head to point

Length, inches	Diameter 1/8 inch											
	1 1/2	2	2 1/2	3	3 1/2	4	4 1/2	5	5 1/2	6	6 1/2	7
Weight per 100, lbs.	22.25	2.45	2.65	2.85	3.05	3.25	3.45	3.65	3.85	4.05	4.25	4.45
Manufacturers' List, per 100												
Length, inches	Diameter 3/16 inch											
	1 1/2	2	2 1/2	3	3 1/2	4	4 1/2	5	5 1/2	6	6 1/2	7
Weight per 100, lbs.	22.70	2.96	3.22	3.48	3.74	4.00	4.26	4.52	4.78	5.04	5.30	5.56
Manufacturers' List, per 100												
Length, inches	Diameter 1/4 inch											
	1 1/2	2	2 1/2	3	3 1/2	4	4 1/2	5	5 1/2	6	6 1/2	7
Weight per 100, lbs.	23.15	3.47	3.79	4.11	4.43	4.75	5.07	5.39	5.71	6.03	6.35	6.67
Manufacturers' List, per 100												
Length, inches	Diameter 5/16 inch											
	1 1/2	2	2 1/2	3	3 1/2	4	4 1/2	5	5 1/2	6	6 1/2	7
Weight per 100, lbs.	23.75	4.11	4.47	4.83	5.19	5.55	5.91	6.27	6.63	6.99	7.35	7.71
Manufacturers' List, per 100												
Length, inches	Diameter 3/8 inch											
	1 1/2	2	2 1/2	3	3 1/2	4	4 1/2	5	5 1/2	6	6 1/2	7
Weight per 100, lbs.	26.15	3.0	3.35	3.7	4.05	4.4	4.75	5.1	5.45	5.8	6.15	6.5
Manufacturers' List, per 100												
Length, inches	Diameter 7/16 inch											
	1 1/2	2	2 1/2	3	3 1/2	4	4 1/2	5	5 1/2	6	6 1/2	7
Weight per 100, lbs.	29.20	9.90	10.60	11.30	12.00	12.70	13.40	14.10	14.80	15.50	16.20	16.90
Manufacturers' List, per 100												
Length, inches	Diameter 1/2 inch											
	1 1/2	2	2 1/2	3	3 1/2	4	4 1/2	5	5 1/2	6	6 1/2	7
Weight per 100, lbs.	315.00	16.00	17.00	18.00	19.00	20.00	21.00	22.00	23.00	24.00	25.00	26.00
Manufacturers' List, per 100												
Length, inches	Diameter 5/8 inch											
	1 1/2	2	2 1/2	3	3 1/2	4	4 1/2	5	5 1/2	6	6 1/2	7
Weight per 100, lbs.	112	121	130	141	153	161	174	185	195	205	225	245
Manufacturers' List, per 100												

1 1/2 to 7/8 inch, 50 in a package; 3/4 inch up to 6 inch, 50; longer, 25; 1 inch up to 10 inch 25; larger sizes, loose.

DISCOUNT  
EXPANSION SHIELDS

## EXPANSION SHIELDS



Diamond Malleable Iron Expansion Bolt Shields, without coach screws.					
Diameter coach screw, inches	1 1/2	2	2 1/2	3	3 1/2
Outside diam. shield, inches	1 1/2	2	2 1/2	3	3 1/2
Length of shield, inches	1 1/2	2	2 1/2	3	3 1/2
Diameter drill required, inches	1 1/2	2	2 1/2	3	3 1/2
Manufacturers' List, per 100	\$15.00	18.00	25.00	38.00	45.00

One hundred in box.

## STAR DRILLS



Made of crucible steel, for drilling brick, stone, or concrete for expansion shields.									
Size, inches	1/2	3/4	1	1 1/4	1 1/2	1 3/4	2	2 1/4	2 1/2
Length, inches	12	12	12	12	12	18	18	18	18
Weight per dozen, lbs.	1 1/2	3	4	5	6	10	16	20	25
Per dozen	\$10.20	10.20	10.20	10.20	10.20	18.00	21.00	24.00	27.00

Open Stock

## WROUGHT IRON WASHERS

DISCOUNT  
WROUGHT WASHERS

Size bolt, inches									
Size hole, inches	1/2	3/4	1	1 1/4	1 1/2	1 3/4	2	2 1/4	2 1/2
Diameter, inches	1/2	3/4	1	1 1/4	1 1/2	1 3/4	2	2 1/4	2 1/2
Thickness, gauge	19	16	16	14	13	12	12	10	10
Number in one pound	301	150	112	68	43	26	22	13	13
Mfrs' list, per 100 lbs.	\$28.00	24.40	22.80	21.00	19.60	18.80	18.60	18.40	18.40
Size bolt, inches									
Size hole, inches	1/2	3/4	1	1 1/4	1 1/2	1 3/4	2	2 1/4	2 1/2
Diameter, inches	1/2	3/4	1	1 1/4	1 1/2	1 3/4	2	2 1/4	2 1/2
Thickness, gauge	10	10	9	9	9	8	8	8	8
Number in one pound	15	10	8 1/2	6	5	4	3	2 1/2	2 1/2
Mfrs' list, per 100 lbs.	\$18.20	18.20	18.00	18.00	18.00	18.40	18.40	18.40	18.40

Fifty pounds in box.

DISCOUNT  
SCREW ANCHORS

## SCREW ANCHORS



Diamond Screw Anchors, without Wood Screws.					
Size, inches	1/2 x 3/8	3/4 x 1/2	1 x 3/4	1 1/4 x 1	1 1/2 x 1 1/4
Size of screw, Numbers	5 to 7	8 to 11	12 to 14	15 to 18	20 to 26
Length of anchor, inches	1	1	1	1	1
Outside diameter, inches	1/2	3/4	1	1 1/4	1 1/2
Manufacturers' list, per 100	\$1.40	5.00	5.60	6.25	13.00

One hundred in box.

## LOCK WASHERS



## RIBBED

Forged Steel; Spring Tempered; Ribbed Pattern; for all kinds of machine use.									
Size bolt, ins.	1/2	3/4	1	1 1/4	1 1/2	1 3/4	2	2 1/4	2 1/2
Diam., ins.	1/2	3/4	1	1 1/4	1 1/2	1 3/4	2	2 1/4	2 1/2
Size steel, ins.	1/2 x 1/2	3/4 x 3/4	1 x 1	1 1/4 x 1 1/4	1 1/2 x 1 1/2	1 3/4 x 1 3/4	2 x 2	2 1/4 x 2 1/4	2 1/2 x 2 1/2
Wt. per 100 lb.	3	5	9	15	27	40	55	95	95
Per 1000	\$2.40	3.20	4.60	5.40	15.80	35.00	38.80	58.43	58.43

Open Stock.

For assorted boxes see Accessory section.

## CAST IRON WASHERS



Size of bolt, inches							
Diameter, inches	1/2	3/4	1	1 1/4	1 1/2	1 3/4	2
Thickness, inches	1	1	1	1	1	1	1
Weight each, lbs.	1/4	1	1 1/2	2	3	4 1/4	6 1/4
Per 100 lbs.	\$12.00	12.00	12.00	12.00	12.00	12.00	12.00

Open Stock.



## Tire Bolts

DISCOUNT  
TIRE BOLTSManufacturers List Adopted  
January 25th, 1909.

## FLUTED

Length of Tire Bolt is measured over all

		Diameter $\frac{1}{2}$ and $\frac{3}{8}$ inch																	
Length, inches	1	1 $\frac{1}{4}$	1 $\frac{1}{2}$	1 $\frac{3}{4}$	2	2 $\frac{1}{4}$	2 $\frac{1}{2}$	2 $\frac{3}{4}$	3	3 $\frac{1}{4}$	3 $\frac{1}{2}$	3 $\frac{3}{4}$	4	4 $\frac{1}{4}$	4 $\frac{1}{2}$	4 $\frac{3}{4}$	5		
Weight per 100, lbs.	1 $\frac{1}{2}$	1 $\frac{1}{2}$	1 $\frac{1}{2}$	1 $\frac{1}{2}$	2	2 $\frac{1}{4}$	2 $\frac{1}{2}$	2 $\frac{3}{4}$	3	3 $\frac{1}{4}$	3 $\frac{1}{2}$	3 $\frac{3}{4}$	4	4 $\frac{1}{4}$	4 $\frac{1}{2}$	4 $\frac{3}{4}$	5		
Manufacturers' List, per 100	\$0.60	.60	.60	.65	.70	.75	.80	.85	.90	.95	1.00	1.05	1.10	1.15	1.20	1.25	1.30		

		Diameter $\frac{1}{4}$ inch																	
Length, inches	1	1 $\frac{1}{4}$	1 $\frac{1}{2}$	1 $\frac{3}{4}$	2	2 $\frac{1}{4}$	2 $\frac{1}{2}$	2 $\frac{3}{4}$	3	3 $\frac{1}{4}$	3 $\frac{1}{2}$	3 $\frac{3}{4}$	4	4 $\frac{1}{4}$	4 $\frac{1}{2}$	4 $\frac{3}{4}$	5		
Weight per 100, lbs.	2 $\frac{1}{2}$	2 $\frac{1}{2}$	2 $\frac{1}{2}$	2 $\frac{1}{2}$	3	3 $\frac{1}{2}$	3 $\frac{1}{2}$	3 $\frac{1}{2}$	4	4 $\frac{1}{4}$	4 $\frac{1}{2}$	4 $\frac{1}{2}$	5	5 $\frac{1}{4}$	5 $\frac{1}{2}$	5 $\frac{1}{2}$	6		
Manufacturers' List, per 100, lbs.	\$0.95	.95	.95	1.00	1.05	1.10	1.15	1.20	1.25	1.30	1.35	1.40	1.45	1.50	1.55	1.60	1.65		

		Diameter $\frac{3}{8}$ inch																	
Length, inches	1 $\frac{1}{2}$	1 $\frac{1}{4}$	2	2 $\frac{1}{4}$	2 $\frac{1}{2}$	2 $\frac{3}{4}$	3	3 $\frac{1}{4}$	3 $\frac{1}{2}$	3 $\frac{3}{4}$	4	4 $\frac{1}{4}$	4 $\frac{1}{2}$	4 $\frac{3}{4}$	5	5 $\frac{1}{2}$	6		
Weight per 100, lbs.	4	4 $\frac{1}{2}$	5	5 $\frac{1}{2}$	6	6 $\frac{1}{2}$	7	7 $\frac{1}{2}$	8	8 $\frac{1}{2}$	9	10	10 $\frac{1}{2}$	11	11 $\frac{1}{2}$	12	13		
Manufacturers' List, per 100	\$1.40	1.40	1.47	1.54	1.61	1.68	1.75	1.82	1.89	1.96	2.03	2.10	2.17	2.24	2.31	2.45	2.59		

		Diameter $\frac{1}{2}$ inch																	
Length, inches	1 $\frac{1}{2}$	1 $\frac{1}{4}$	2	2 $\frac{1}{4}$	2 $\frac{1}{2}$	2 $\frac{3}{4}$	3	3 $\frac{1}{4}$	3 $\frac{1}{2}$	3 $\frac{3}{4}$	4	4 $\frac{1}{4}$	4 $\frac{1}{2}$	4 $\frac{3}{4}$	5	5 $\frac{1}{2}$	6		
Weight per 100, lbs.	7 $\frac{1}{2}$	8 $\frac{1}{4}$	9	9 $\frac{1}{2}$	10 $\frac{1}{2}$	11 $\frac{1}{2}$	12	12 $\frac{1}{2}$	13 $\frac{1}{2}$	14 $\frac{1}{2}$	15	15 $\frac{1}{2}$	16 $\frac{1}{2}$	17 $\frac{1}{2}$	18	19	20		
Manufacturers' List, per 100	\$2.20	2.20	2.20	2.30	2.40	2.50	2.60	2.70	2.80	2.90	3.00	3.10	3.20	3.30	3.40	3.60	3.80		

100 in a package.

## Sleigh Shoe Bolts

DISCOUNT  
SLEIGH SHOE BOLTSManufacturers List Adopted  
February 1st, 1913.

## TAPER HEAD

Length of Sleigh Shoe Bolt is measured over all.

		Diameter $\frac{1}{4}$ inch.																	
Length, inches	1 $\frac{1}{2}$	2	2 $\frac{1}{4}$	3	3 $\frac{1}{4}$	4	4 $\frac{1}{4}$	5	5 $\frac{1}{4}$	6	6 $\frac{1}{4}$	7	7 $\frac{1}{4}$	8	8 $\frac{1}{4}$	9			
Weight per 100, lbs.	3 $\frac{1}{4}$	3 $\frac{1}{4}$	4 $\frac{1}{4}$	5 $\frac{1}{4}$	6 $\frac{1}{4}$	8	9	10 $\frac{1}{4}$	11 $\frac{1}{4}$	12 $\frac{1}{4}$	13 $\frac{1}{4}$	14 $\frac{1}{4}$	16	17	18	19			
Manufacturers' List, per 100	\$1.00	1.10	1.20	1.30	1.40	1.50	1.60	1.70	1.80	1.90	2.00	2.10	2.20	2.30	2.40	2.50			

		Diameter $\frac{3}{8}$ inch																	
Length, inches	1 $\frac{1}{2}$	2	2 $\frac{1}{4}$	3	3 $\frac{1}{4}$	4	4 $\frac{1}{4}$	5	5 $\frac{1}{4}$	6	6 $\frac{1}{4}$	7	7 $\frac{1}{4}$	8	8 $\frac{1}{4}$	9			
Weight per 100, lbs.	5 $\frac{1}{4}$	6 $\frac{1}{4}$	8	9	9 $\frac{1}{2}$	10 $\frac{1}{2}$	11 $\frac{1}{2}$	12 $\frac{1}{2}$	13 $\frac{1}{2}$	15 $\frac{1}{2}$	16 $\frac{1}{2}$	17 $\frac{1}{2}$	19	20	21 $\frac{1}{2}$	22 $\frac{1}{2}$			
Manufacturers' List, per 100	\$1.40	1.52	1.64	1.76	1.88	2.00	2.12	2.24	2.36	2.48	2.60	2.72	2.84	2.96	3.08	3.20			

		Diameter $\frac{1}{2}$ inch																	
Length, inches	1 $\frac{1}{2}$	2	2 $\frac{1}{4}$	3	3 $\frac{1}{4}$	4	4 $\frac{1}{4}$	5	5 $\frac{1}{4}$	6	6 $\frac{1}{4}$	7	7 $\frac{1}{4}$	8	8 $\frac{1}{4}$	9			
Weight per 100, lbs.	6	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36			
Manufacturers' List, per 100	\$1.90	2.06	2.22	2.38	2.54	2.70	2.86	3.02	3.18	3.34	3.50	3.66	3.82	3.98	4.14	4.30			

		Diameter $\frac{3}{4}$ inch																	
Length, inches	1 $\frac{1}{2}$	2	2 $\frac{1}{4}$	3	3 $\frac{1}{4}$	4	4 $\frac{1}{4}$	5	5 $\frac{1}{4}$	6	6 $\frac{1}{4}$	7	7 $\frac{1}{4}$	8	8 $\frac{1}{4}$	9			
Weight per 100, lbs.	10	12 $\frac{1}{2}$	14 $\frac{1}{2}$	17	19	22	24	26	27	29	31	34	37	40	43	46			
Manufacturers' List, per 100	\$2.20	2.40	2.60	2.80	3.00	3.20	3.40	3.60	3.80	4.00	4.20	4.40	4.60	4.80	5.00	5.20			

		Diameter $\frac{1}{2}$ inch																	
Length, inches	2 $\frac{1}{2}$	3	3 $\frac{1}{2}$	4	4 $\frac{1}{2}$	5	5 $\frac{1}{2}$	6	6 $\frac{1}{2}$	7	7 $\frac{1}{2}$	8	8 $\frac{1}{2}$	9					
Weight per 100, lbs.	20	22	24	27	31	35	37	39	41	43	45	48	51	54					
Manufacturers' List, per 100	\$3.25	3.53	3.81	4.09	4.37	4.65	4.93	5.21	5.49	5.77	6.05	6.33	6.61	6.89					

		Diameter $\frac{3}{4}$ and $\frac{1}{2}$ inch																	
Length, inches	2 $\frac{1}{2}$	3	3 $\frac{1}{2}$	4	4 $\frac{1}{2}$	5	5 $\frac{1}{2}$	6	6 $\frac{1}{2}$	7	7 $\frac{1}{2}$	8	8 $\frac{1}{2}$	9					
Weight of $\frac{1}{2}$ inch per 100, lbs.	36	40	44	48	52	56	59	64	68	72	76	80	84	88					
Manufacturers' List per 100	\$5.75	6.13	6.51	6.89	7.27	7.65	8.03	8.41	8.79	9.17	9.55	9.93	10.31	10.69					

50 in a package.

## Bolt Ends

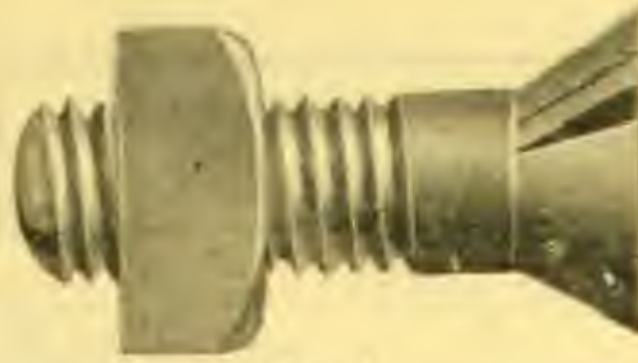
DISCOUNT  
BOLT ENDSManufacturers List Adopted  
May 1913.

## With Square Nuts

		Diameter, inches																	
Length, inches	6	6	7	7	8	9	10	11	12	13	14	15	16	17	18	20	22	24	
Length of Thread, inches	2	2	2	2 $\frac{1}{2}$	3	3 $\frac{1}{2}$	3 $\frac{1}{2}$	4	4	4 $\frac{1}{2}$	4 $\frac{1}{2}$	5	5	5 $\frac{1}{2}$	5 $\frac{1}{2}$	6	6 $\frac{1}{2}$	6 $\frac{1}{2}$	
Weight each, lbs.	$\frac{1}{16}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{8}$	
Manufacturers' List, per lb.	\$0.25	.20	.18	.16	.14	.12	.10	.10	.10	.10	.11	.11	.11	.12	.12	.12	.14	.14	

Open Stock.



DISCOUNT  
PLOW BOLTS

No. 1

## Plow Bolts



No. 3



No. 4

Manufacturers' List Adopted  
July 1st, 1913ORDER BY NUMBER THE STYLE REQUIRED  
RIGHT HAND THREAD SUPPLIED UNLESS OTHERWISE ORDERED

Diameter $\frac{3}{8}$ inch									
Length, inches	1 $\frac{1}{2}$	1 $\frac{3}{4}$	2	2 $\frac{1}{4}$	2 $\frac{3}{4}$	3	3 $\frac{1}{4}$	3 $\frac{1}{2}$	4
Weight per 100, lbs.	6 $\frac{1}{2}$	7	8	9	10	11	11 $\frac{1}{2}$	12 $\frac{1}{2}$	13
Manufacturer's List, per 100	\$2.60	2.10	2.20	2.30	2.40	2.50	2.60	2.70	
Diameter $\frac{7}{16}$ inch									
Length, inches	1 $\frac{1}{2}$	1 $\frac{3}{4}$	2	2 $\frac{1}{4}$	2 $\frac{3}{4}$	3	3 $\frac{1}{4}$	3 $\frac{1}{2}$	4
Weight per 100, lbs.	13	14	15	15 $\frac{1}{2}$	16	17	17 $\frac{1}{2}$	18	
Manufacturer's List, per 100	\$2.60	2.75	2.90	3.05	3.20	3.35	3.50	3.65	
Diameter $\frac{1}{2}$ inch									
Length, inches	1 $\frac{1}{2}$	1 $\frac{3}{4}$	2	2 $\frac{1}{4}$	2 $\frac{3}{4}$	3	3 $\frac{1}{4}$	3 $\frac{1}{2}$	4
Weight per 100, lbs.	15	16	17	18	19	20	21	22	
Manufacturer's List, per 100	\$3.50	3.70	3.90	4.10	4.30	4.50	4.70	4.90	

For Left Hand Threads Add 10% to List Price.  
50 in a package.DISCOUNT  
STOVE BOLTS

FLAT HEAD

## Stove Bolts



ROUND HEAD

Manufacturers' List Adopted  
June 1st, 1907

Diameter $\frac{3}{8}$ and $\frac{7}{16}$ inch									
Length, inches	1 $\frac{1}{2}$	1 $\frac{3}{4}$	2	2 $\frac{1}{4}$	2 $\frac{3}{4}$	3	3 $\frac{1}{4}$	3 $\frac{1}{2}$	4
Weight per 100 of $\frac{3}{8}$ inch, lbs.	6 $\frac{1}{2}$	7	8	9	10	11	11 $\frac{1}{2}$	12 $\frac{1}{2}$	13
Manufacturer's List, per 100	\$0.85	.85	.85	.85	.90	.90	.95	1.00	1.20
Diameter $\frac{1}{2}$ inch									
Length, inches, up to	1 $\frac{1}{2}$	1 $\frac{3}{4}$	2	2 $\frac{1}{4}$	2 $\frac{3}{4}$	3	3 $\frac{1}{4}$	3 $\frac{1}{2}$	4
Weight per 100, lbs.	13	14	15	15 $\frac{1}{2}$	16	17	17 $\frac{1}{2}$	18	
Manufacturer's List per 100	\$ .85	.90	.90	.95	1.00	1.05	1.10	1.15	1.20
Diameter $\frac{5}{8}$ and $\frac{3}{4}$ inch									
Length, inches	Up to 1 $\frac{1}{2}$	1 $\frac{3}{4}$	2	2 $\frac{1}{4}$	2 $\frac{3}{4}$	3	3 $\frac{1}{4}$	3 $\frac{1}{2}$	4
Weight per 100 of $\frac{5}{8}$ inch, lbs.	21	22	23	24	25	26	27	28	
Manufacturer's List per 100	\$1.20	1.25	1.30	1.35	1.40	1.45	1.50	1.55	1.60
Diameter $\frac{7}{8}$ inch									
Length, inches	Up to 1 $\frac{1}{2}$	1 $\frac{3}{4}$	2	2 $\frac{1}{4}$	2 $\frac{3}{4}$	3	3 $\frac{1}{4}$	3 $\frac{1}{2}$	4
Weight per 100, lbs.	21	22	23	24	25	26	27	28	
Manufacturer's List, per 100	\$1.75	1.80	1.85	1.90	1.95	2.00	2.05	2.10	2.15
Diameter $\frac{1}{2}$ inch									
Length, inches	Up to 1 $\frac{1}{2}$	1 $\frac{3}{4}$	2	2 $\frac{1}{4}$	2 $\frac{3}{4}$	3	3 $\frac{1}{4}$	3 $\frac{1}{2}$	4
Weight per 100, lbs.	21	22	23	24	25	26	27	28	
Manufacturer's List, per 100	\$2.65	2.70	2.75	2.85	2.90	3.00	3.10	3.20	3.40

Longer Lengths and Stove Rods quoted on application.  
100 in a package.

## SHAFT BOLTS



"T" HEAD

DISCOUNT  
SHAFT BOLTS  
ELEVATOR BOLTS

## ELEVATOR BOLTS



Diameter $\frac{3}{8}$ inch					
Length, inches	1 $\frac{1}{2}$	1 $\frac{3}{4}$	2	2 $\frac{1}{4}$	2 $\frac{3}{4}$
Weight per 100, lbs.	21	22	23	24	25
Manufacturer's List, per 100	\$3.10	3.20	3.30	3.40	3.60
Diameter $\frac{1}{2}$ inch					
Length, inches	1 $\frac{1}{2}$	1 $\frac{3}{4}$	2	2 $\frac{1}{4}$	2 $\frac{3}{4}$
Weight per 100, lbs.	31	32	33	34	35
Manufacturer's List, per 100	\$3.10	3.20	3.30	3.40	3.60
Diameter $\frac{3}{4}$ inch					
Length, inches	1 $\frac{1}{2}$	1 $\frac{3}{4}$	2	2 $\frac{1}{4}$	2 $\frac{3}{4}$
Weight per 100, lbs.	41	42	43	44	45
Manufacturer's List, per 100	\$4.00	4.00	4.00	4.10	4.40

100 in a package.

Diameter $\frac{3}{8}$ inch					
Length, inches	1 $\frac{1}{2}$	1 $\frac{3}{4}$	2	2 $\frac{1}{4}$	2 $\frac{3}{4}$
Weight per 100, lbs.	21	22	23	24	25
Manufacturer's List, per 100	\$2.20	2.30	2.30	2.40	2.60
Diameter $\frac{1}{2}$ inch					
Length, inches	1 $\frac{1}{2}$	1 $\frac{3}{4}$	2	2 $\frac{1}{4}$	2 $\frac{3}{4}$
Weight per 100, lbs.	31	32	33	34	35
Manufacturer's List, per 100	\$2.20	2.30	2.30	2.40	2.60
Diameter $\frac{3}{4}$ inch					
Length, inches	1 $\frac{1}{2}$	1 $\frac{3}{4}$	2	2 $\frac{1}{4}$	2 $\frac{3}{4}$
Weight per 100, lbs.	41	42	43	44	45
Manufacturer's List, per 100	\$3.00	3.00	3.00	3.20	3.60

100 in a package.

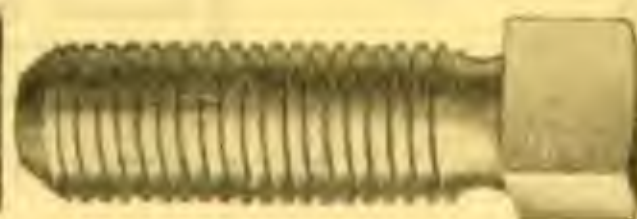


## IRON SET SCREWS

## IRON CAP SCREWS

## DISCOUNT

Square Head Set Screws

Manufacturer's List adopted  
April 1, 1905

## DISCOUNT

Hexagon Head-Cap Screws

## SQUARE HEAD, CUP POINT

"V" Thread

## HEXAGON HEAD, REGULAR POINT

"V" THREAD

NOTE—SET and CAP SCREWS measure from under the head to extreme point.

	Diameter, $\frac{1}{4}$ inch; 20 threads to inch.										
Length, ins.	$\frac{1}{2}$	$\frac{3}{4}$	1	1 $\frac{1}{4}$	1 $\frac{1}{2}$	1 $\frac{3}{4}$	2	2 $\frac{1}{4}$	2 $\frac{1}{2}$	3	
Mfrs list, per 100	\$1.80	1.90	2.00	2.10	2.15	2.30	2.50	2.75	3.25	3.75	4.25



## DISCOUNTS

Flat Head Steel  
Round Head Steel  
Fillister Head Steel

## Machine Screws

## DISCOUNTS

Flat Head Brass  
Round Head Brass  
Fillister Head Brass

## FLAT HEAD



## ROUND HEAD



## FILLISTER HEAD



NOTE—In measuring Flat Head Machine Screws the length given is over all including head, while Round Head and Fillister Head are measured under the head to the point, and does not include head.

When ordering mention threads per inch, required, according to schedule below.

Numbers	2	3	4	5	6	7	8	9	10	12	14	16	18	20	24
Threads per inch, standard	64	56	48	44	40	36	32	30	28	24	20	18	16	14	12
Threads per inch, others supplied	56	48	36	32	30	24	20	18	16	14	12	10	8	6	5
Diameter, inches	$\frac{1}{16}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\frac{7}{16}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1	1 1/8	1 1/4	1 1/2	1 3/4

STEEL MACHINE SCREWS  
FLAT, ROUND or FILLISTER HEAD

Manufacturer's List  
Adopted  
September 1921

BRASS MACHINE SCREWS  
FLAT, ROUND or FILLISTER HEAD

Length $\frac{3}{16}$ inch		2	3	4	5	6	8	10	12
Numbers		2	3	4	5	6	8	10	12
Mfrs list, per gross		\$0.30	.30	.30	.35	.35	.40	.60	.60
Length $\frac{1}{4}$ inch		2	3	4	5	6	8	10	12
Numbers		2	3	4	5	6	8	10	12
Mfrs list, per gross		\$0.30	.30	.30	.35	.35	.40	.60	.60
Length $\frac{5}{16}$ inch		2	3	4	5	6	8	10	12
Numbers		2	3	4	5	6	8	10	12
Mfrs list, per gross		\$0.32	.32	.32	.37	.37	.44	.65	.75
Length $\frac{3}{8}$ inch		2	3	4	5	6	8	10	12
Numbers		2	3	4	5	6	8	10	12
Mfrs list, per gross		\$0.32	.32	.32	.37	.37	.44	.65	.75
Length $\frac{7}{16}$ inch		2	3	4	5	6	8	10	12
Numbers		2	3	4	5	6	8	10	12
Mfrs list, per gross		\$0.34	.34	.34	.39	.39	.48	.70	.80
Length $\frac{1}{2}$ inch		2	3	4	5	6	8	10	12
Numbers		2	3	4	5	6	8	10	12
Mfrs list, per gross		\$0.34	.34	.34	.39	.39	.48	.70	.80
Length $\frac{5}{8}$ inch		2	3	4	5	6	8	10	12
Numbers		2	3	4	5	6	8	10	12
Mfrs list, per gross		\$0.37	.37	.37	.42	.42	.52	.75	.85
Length $\frac{3}{4}$ inch		2	3	4	5	6	8	10	12
Numbers		2	3	4	5	6	8	10	12
Mfrs list, per gross		\$0.41	.41	.41	.46	.46	.56	.80	.90
Length $\frac{7}{8}$ inch		2	3	4	5	6	8	10	12
Numbers		2	3	4	5	6	8	10	12
Mfrs list, per gross		\$0.45	.45	.45	.50	.50	.60	.85	.95
Length 1 inch		2	3	4	5	6	8	10	12
Numbers		2	3	4	5	6	8	10	12
Mfrs list, per gross		\$0.50	.50	.50	.55	.55	.65	.90	1.00
Length 1 1/8 inch		2	3	4	5	6	8	10	12
Numbers		2	3	4	5	6	8	10	12
Mfrs list, per gross		\$0.55	.55	.55	.60	.60	.70	1.00	1.10
Length 1 1/4 inch		2	3	4	5	6	8	10	12
Numbers		2	3	4	5	6	8	10	12
Mfrs list, per gross		\$0.60	.60	.60	.65	.65	.75	1.10	1.20
Length 1 1/2 inch		2	3	4	5	6	8	10	12
Numbers		2	3	4	5	6	8	10	12
Mfrs list, per gross		\$0.70	.70	.70	.75	.75	.85	1.30	1.40
Length 1 3/4 inch		2	3	4	5	6	8	10	12
Numbers		2	3	4	5	6	8	10	12
Mfrs list, per gross		\$0.95	.95	.95	1.05	1.05	1.20	1.60	1.70
Length 2 inch		2	3	4	5	6	8	10	12
Numbers		2	3	4	5	6	8	10	12
Mfrs list, per gross		\$1.15	1.15	1.15	1.25	1.25	1.40	1.80	1.90
Length 2 1/4 inch		2	3	4	5	6	8	10	12
Numbers		2	3	4	5	6	8	10	12
Mfrs list, per gross		\$1.45	1.45	1.45	1.60	1.60	1.80	2.20	2.30
Length 2 1/2 inch		2	3	4	5	6	8	10	12
Numbers		2	3	4	5	6	8	10	12
Mfrs list, per gross		\$1.65	1.65	1.65	1.80	1.80	2.00	2.40	2.50
Length 2 3/4 inch		2	3	4	5	6	8	10	12
Numbers		2	3	4	5	6	8	10	12
Mfrs list, per gross		\$1.90	1.90	1.90	2.10	2.10	2.30	2.70	2.80
Length 3 inch		2	3	4	5	6	8	10	12
Numbers		2	3	4	5	6	8	10	12
Mfrs list, per gross		\$2.30	2.30	2.30	2.50	2.50	2.70	3.10	3.20

Length $\frac{3}{16}$ inch		2	3	4	5	6	8	10	12
Numbers		2	3	4	5	6	8	10	12
Mfrs list, per gross		\$0.32	.32	.32	.36	.36	.40	.60	.60
Length $\frac{1}{4}$ inch		2	3	4	5	6	8	10	12
Numbers		2	3	4	5	6	8	10	12
Mfrs list, per gross		\$0.32	.32	.32	.36	.36	.40	.60	.60
Length $\frac{5}{16}$ inch		2	3	4	5	6	8	10	12
Numbers		2	3	4	5	6	8	10	12
Mfrs list, per gross		\$0.34	.34	.34	.38	.38	.44	.65	.75
Length $\frac{3}{8}$ inch		2	3	4	5	6	8	10	12
Numbers		2	3	4	5	6	8	10	12
Mfrs list, per gross		\$0.36	.36	.36	.40	.40	.48	.70	.80
Length $\frac{7}{16}$ inch		2	3	4	5	6	8	10	12
Numbers		2	3	4	5	6	8	10	12
Mfrs list, per gross		\$0.38	.38	.38	.42	.42	.52	.75	.85
Length $\frac{1}{2}$ inch		2	3	4	5	6	8	10	12
Numbers		2	3	4	5	6	8	10	12
Mfrs list, per gross		\$0.40	.40	.40	.44	.44	.52	.75	.85
Length $\frac{5}{8}$ inch		2	3	4	5	6	8	10	12
Numbers		2	3	4	5	6	8	10	12
Mfrs list, per gross		\$0.46	.46	.46	.50	.50	.60	.85	.95
Length $\frac{3}{4}$ inch		2	3	4	5	6	8	10	12
Numbers		2	3	4	5	6	8	10	12
Mfrs list, per gross		\$0.52	.52	.52	.56	.56	.66	.90	1.00
Length $\frac{7}{8}$ inch		2	3	4	5	6	8	10	12
Numbers		2	3	4	5	6	8	10	12
Mfrs list, per gross		\$0.58	.58	.58	.62	.62	.72	.95	1.05
Length 1 inch		2	3	4	5	6	8	10	12
Numbers		2	3	4	5	6	8	10	12
Mfrs list, per gross		\$0.70	.70	.70	.75	.75	.85	1.10	1.20
Length 1 1/8 inch		2	3	4	5	6	8	10	12
Numbers		2	3	4	5	6	8	10	12
Mfrs list, per gross		\$0.80	.80	.80	.85	.85	.95	1.20	1.30
Length 1 1/4 inch		2	3	4	5	6	8	10	12
Numbers		2	3	4	5	6	8	10	12
Mfrs list, per gross		\$0.90	.90	.90	.95	.95	1.05	1.30	1.40
Length 1 1/2 inch		2	3	4	5	6	8	10	12
Numbers		2	3	4	5	6	8	10	12
Mfrs list, per gross		\$1.10	1.10	1.10	1.15	1.15	1.25	1.50	1.60
Length 1 3/4 inch		2	3	4	5	6	8	10	12
Numbers		2	3	4	5	6	8	10	12
Mfrs list, per gross		\$1.90	1.90	1.90	2.00	2.00	2.20	2.60	2.70
Length 2 inch		2	3	4	5	6	8	10	12
Numbers		2	3	4	5	6	8	10	12
Mfrs list, per gross		\$2.30	2.30	2.30	2.40	2.40	2.60	3.00	3.10
Length 2 1/4 inch		2	3	4	5	6	8	10	12
Numbers		2	3	4	5	6	8	10	12
Mfrs list, per gross		\$3.10	3.10	3.10	3.20	3.20	3.40	3.80	3.90
Length 2 1/2 inch		2	3	4	5	6	8	10	12
Numbers		2	3	4	5	6	8	10	12
Mfrs list, per gross		\$4.65	4.65	4.65	4.80	4.80	5.00	5.40	5.50
Length 2 3/4 inch		2	3	4	5	6	8	10	12
Numbers		2	3	4	5	6	8	10	12
Mfrs list, per gross		\$6.00	6.00	6.00	6.20	6.20	6.40	6.80	6.90
Length 3 inch		2	3	4	5	6	8	10	12
Numbers		2	3	4	5	6	8	10	12
Mfrs list, per gross		\$7.50	7.50	7.50	7.70	7.70	8.00	8.40	8.50

One gross in box.



DISCOUNTS  
Flat Head Bright  
Round Head Bright

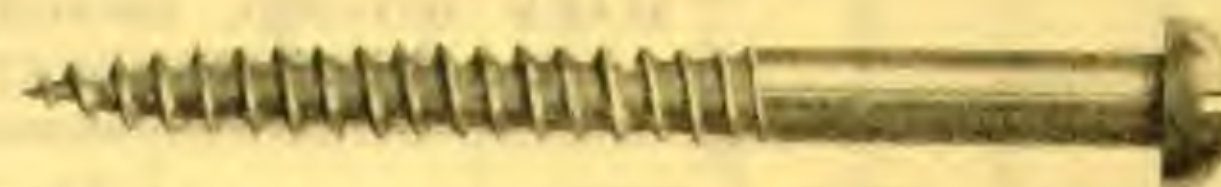
## Wood Screws

DISCOUNTS  
Flat Head Brass  
Round Head Brass

## FLAT HEAD



## ROUND HEAD



Manufacturers' List  
Adopted  
July 6th, 1922

## BRIGHT STEEL WOOD SCREWS

## FLAT OR ROUND HEAD

Length  $\frac{3}{8}$  inch

Numbers	1	2	3	4	5	6	7	8
Weight per gross, lbs.	054	077	104	133	168	203	249	301
Mfr's List, per gross	90	90	90	90	90	90	90	90

Length  $\frac{1}{2}$  inch

Numbers	2	3	4	5	6	7	8	9	10
Weight per gross, lbs.	098	130	165	206	256	313	376	446	524
Mfr's List, per gross	\$0.90	.90	.90	.90	.90	.95	1.00	1.05	1.10

Length  $\frac{5}{8}$  inch

Numbers	2	3	4	5	6	7	8	9	10
Weight per gross, lbs.	118	156	196	249	309	376	451	534	625
Mfr's List, per gross	\$0.90	.90	.90	.95	.95	1.00	1.05	1.10	1.15

Length  $\frac{3}{4}$  inch

Numbers	3	4	5	6	7	8	9	10	11
Weight per gross, lbs.	180	230	292	362	440	527	622	727	840
Mfr's List, per gross	.90	.95	.95	1.00	1.05	1.10	1.15	1.20	1.25

Length  $\frac{7}{8}$  inch

Numbers	3	4	5	6	7	8	9	10	11	12
Weight per gross, lbs.	20	265	335	415	504	602	710	828	957	1095
Mfr's List, per gross	.95	.95	1.00	1.05	1.10	1.15	1.20	1.25	1.30	1.35

## Length 1 inch

Numbers	4	5	6	7	8	9	10	11	12
Weight per gross, lbs.	23	379	463	567	677	798	930	1073	1222
Mfr's List, per gross	1.00	1.05	1.10	1.15	1.20	1.25	1.30	1.35	1.40

Length 1  $\frac{1}{4}$  inch

Numbers	5	6	7	8	9	10	11	12	14	16
Weight per gross, lbs.	165	573	694	828	973	1132	1305	1491	1691	1901
Mfr's List, per gross	1.15	1.20	1.25	1.30	1.35	1.40	1.50	1.60	1.80	2.05

Length 1  $\frac{1}{2}$  inch

Numbers	6	7	8	9	10	11	12	14	16	18	20
Wgt. p. gr. lbs.	679	821	978	1141	1331	1531	1751	1981	2231	2491	2791
Mfr's list, gr.	\$1.30	1.35	1.40	1.45	1.50	1.60	1.80	2.05	2.35	2.75	3.25

Length 1  $\frac{3}{4}$  inch

Numbers	6	7	8	9	10	11	12	14	16	18	20
Wgt. p. gr. lbs.	785	949	1121	1311	1531	1791	2011	2281	2561	2861	3181
Mfr's list, gr.	\$1.40	1.45	1.50	1.60	1.70	1.80	2.00	2.25	2.60	3.05	3.60

## Length 2 inch

Numbers	6	7	8	9	10	11	12	14	16	18	20
Wgt. p. gr. lbs.	891	1071	1271	1501	1741	2001	2281	2571	2891	3231	3591
Mfr's list, gr.	\$1.55	1.60	1.65	1.75	1.85	2.00	2.20	2.50	2.90	3.40	4.00

Length 2  $\frac{1}{2}$  inch

Numbers	8	9	10	11	12	14	16	18	20
Weight per gross, lbs.	1.58	1.85	2.14	2.46	2.80	3.15	3.40	3.86	4.35
Mfr's List, per gross	\$2.05	2.15	2.25	2.40	2.60	3.00	3.50	4.10	4.80

## Length 3 inch

Numbers	9	10	11	12	14	16	18	20	24
Weight per gross, lbs.	2.55	2.55	2.92	3.33	4.22	4.70	5.22	5.76	6.33
Mfr's List, per gross	\$2.55	2.65	2.80	3.00	3.50	4.10	4.80	5.60	7.10

Length 3  $\frac{1}{2}$  inch

Numbers	10	11	12	14	16	18	20	24
Weight per gross, lbs.	3.50	3.85	4.35	4.88	5.44	6.03	6.66	7.31
Mfr's List, per gross	\$3.00	3.20	3.40	4.00	4.60	5.40	6.30	8.10

## Length 4 inch

Numbers	12	14	16	18	20	24
Weight per gross, lbs.	4.38	5.54	6.85	7.62	8.30	9.96
Mfr's List, per gross	\$3.80	4.50	5.20	6.10	7.10	9.50

Length 4  $\frac{1}{2}$  inch

Numbers	14	16	18	20	24
Weight per gross, lbs.	6	7.6	9.2	11	15.1
Mfr's List, per gross	\$5.10	5.90	6.90	8.00	10.70

## Length 5 inch

Numbers	14	16	18	20	24
Weight per gross, lbs.	5	6.3	10.2	12.2	16.7
Mfr's List, per gross	\$5.75	6.70	7.80	9.00	11.90

All above one gross in box.

Note.—Sizes not listed can be supplied to order.

## BRASS WOOD SCREWS

## FLAT OR ROUND HEAD

Length  $\frac{3}{8}$  inch

Numbers	1	2	3	4	5	6
Weight per gross, lbs.	06	.09	.112	.143	.181	.210
Mfr's List, per gross	\$1.00	1.05	1.10	1.15	1.20	1.30

Length  $\frac{1}{2}$  inch

Numbers	1	2	3	4	5	6	7	8
Weight per gross, lbs.	.025	.106	.141	.179	.222	.277	.337	.406
Mfr's List, per gross	\$1.05	1.10	1.15	1.20	1.30	1.40	1.55	1.75

Length  $\frac{5}{8}$  inch

Numbers	2	3	4	5	6	7	8	10
Weight per gross, lbs.	.126	.168	.216	.270	.334	.408	.487	.550
Mfr's List, per gross	\$1.20	1.25	1.30	1.40	1.55	1.75	1.95	2.40

Length  $\frac{3}{4}$  inch

Numbers	2	3	4	5	6	7	8	10	12
Weight per gross, lbs.	.147	.184	.250	.316	.342	.475	.570	.727	.960
Mfr's List, per gross	\$1.30	1.35	1.40	1.50	1.70	1.90	2.15	2.65	3.25

Length  $\frac{7}{8}$  inch

Numbers	4	5	6	7	8	9	10	12
Weight per gross, lbs.	.286	.363	.450	.545	.652	.768	.878	1.10
Mfr's List, per gross	\$1.50	1.65	1.85	2.10	2.35	2.60	2.90	3.55

## Length 1 inch

Numbers	4	5	6	7	8	9	10	11	12
Weight per gross, lbs.	.324	.408	.510	.610	.730	.860	1.00	1.03	1.32
Mfr's List, per gross	\$1.60	1.80	2.00	2.25	2.55	2.85	3.15	3.50	3.90

Length 1  $\frac{1}{4}$  inch

Numbers	6	7	8	9	10	11	12	14
Weight per gross, lbs.	.619	.740	.900	1.05	1.23	1.40	1.62	1.90
Mfr's List, per gross	\$2.30	2.60	2.95	3.30	3.65	4.10	4.60	5.65

Length 1  $\frac{1}{2}$  inch

Numbers	6	7	8	9	10	11	12	14
Weight per gross, lbs.	.733	.887	1.05	1.24	1.45	1.65	1.90	2.23
Mfr's List, per gross	\$2.65	3.00	3.35	3.75	4.20	4.70	5.35	6.55

Length 1  $\frac{3}{4}$  inch

Numbers	8	9	10	11	12	14
Weight per gross, lbs.	1.20	1.42	1.65	1.90	2.15	2.75
Mfr's List, per gross	\$3.75	4.25	4.80	5.40	6.10	7.45

## Length 2 inch

Numbers	8	9	10	11	12	14	16	18
Weight per gross, lbs.	1.38	1.62	1.83	2.16	2.46	3.13	3.59	5.05
Mfr's List, per gross	\$1.25	1.75	2.35	3.00	3.80	5.35	6.20	12.30

Length 2  $\frac{1}{4}$  inch

Numbers	10	11	12	14	16	18
Weight per gross, lbs.	2.07	2.38	2.71	3.41	4.28	5.50
Mfr's List, per gross	\$5.95	6.70	7.50	9.30	11.30	13.60

Length 2  $\frac{1}{2}$  inch

Numbers	10	11	12	14	16	18
Weight per gross, lbs.	2.57	2.68	2.80	3.10	3.90	5.03
Mfr's List, per gross	\$6.60	7.10	8.25	10.25	13.00	15.00

## Length 3 inch

Numbers	12	14	16	18
Weight per gross, lbs.	3.53	3.75	4.50	5.90
Mfr's List, per gross	\$9.75	12.00	14.70	17.70

All above one gross in box.

## BLUED STEEL KNOB SCREWS



## OVAL HEAD

For all standard Spindles.

Number	9
Length, inches	3 $\frac{1}{4}$
Weight per gross, lbs.	3 $\frac{1}{4}$
Per gross	\$0.70

One gross in box.



## Cotter Pins

MANUFACTURERS' LIST  
ADOPTED  
NOVEMBER 1st, 1922



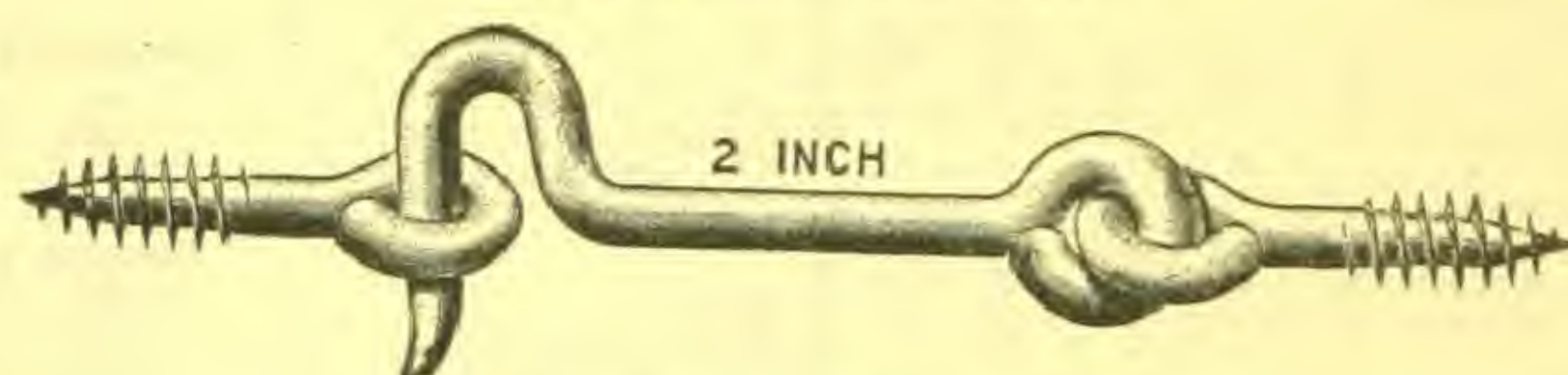
DISCOUNT  
COTTER PINS

HALF ROUND, BRIGHT STEEL SPRING WIRE  
ALL MEASUREMENTS MADE UNDER THE EYE

Size	Mfrs list per 1,000	Quantity in Package	Approximate Weight per 1,000	Size	Mfrs. list per 1,000	Quantity in Package	Approximate Weight per 1,000	Size	Mfrs list per 1,000	Quantity in Package	Approximate Weight per 1,000
			Lbs. Oz.				Lbs. Oz.				Lbs. Oz.
$\frac{1}{16} \times \frac{1}{2}$	\$0.33	1000	13	$\frac{1}{8} \times 2\frac{1}{2}$	1.55	500	9 0	$\frac{1}{4} \times 1\frac{3}{4}$	4.00	250	26 8
$\frac{1}{8} \times \frac{3}{4}$	.43	1000	15	$\frac{1}{8} \times 3$	1.90	500	9 12	$\frac{1}{4} \times 2$	4.40	250	29 0
$\frac{1}{8} \times 1$	.53	1000	1 2	$\frac{1}{8} \times 3\frac{1}{2}$	.93	1,000	5 10	$\frac{1}{4} \times 2\frac{1}{2}$	4.80	250	32 8
$\frac{1}{8} \times 1\frac{1}{4}$	.63	1000	1 5	$\frac{1}{8} \times 4$	1.10	1,000	7 0	$\frac{1}{4} \times 2\frac{3}{4}$	5.20	250	35 0
$\frac{1}{8} \times 1\frac{1}{2}$	.73	1000	1 9	$\frac{1}{8} \times 4\frac{1}{2}$	1.28	500	8 5	$\frac{1}{4} \times 3$	5.60	250	40 2
$\frac{1}{8} \times 1\frac{3}{4}$	.83	1000	1 12	$\frac{1}{8} \times 5$	1.45	500	9 5	$\frac{1}{4} \times 3\frac{1}{4}$	6.00	250	46 0
$\frac{1}{8} \times 2$	.93	1000	2	$\frac{1}{8} \times 5\frac{1}{2}$	1.63	500	9 13	$\frac{1}{4} \times 4$	7.30	250	48 15
$\frac{1}{8} \times 2\frac{1}{2}$	.33	1000	1 7	$\frac{1}{8} \times 6$	1.80	500	10 14	$\frac{1}{8} \times 1$	\$4.20	250	29 8
$\frac{1}{8} \times 3$	.13	1000	2 0	$\frac{1}{8} \times 6\frac{1}{2}$	2.00	500	13 8	$\frac{1}{8} \times 1\frac{1}{4}$	4.80	250	34 1
$\frac{1}{8} \times 3\frac{1}{2}$	.53	1000	2 5	$\frac{1}{8} \times 7$	2.20	500	14 0	$\frac{1}{8} \times 1\frac{1}{2}$	5.40	250	38 0
$\frac{1}{8} \times 3\frac{3}{4}$	.63	1000	2 12	$\frac{1}{8} \times 8$	\$1.25	1,000	8 0	$\frac{1}{8} \times 1\frac{3}{4}$	6.00	250	44 0
$\frac{1}{8} \times 4$	.73	1000	3 9	$\frac{1}{8} \times 9$	1.55	1,000	9 5	$\frac{1}{8} \times 2$	6.60	250	47 13
$\frac{1}{8} \times 4\frac{1}{2}$	.83	1000	4 1	$\frac{1}{8} \times 10$	1.85	500	10 10	$\frac{1}{8} \times 2\frac{1}{4}$	7.10	250	52 6
$\frac{1}{8} \times 5$	.93	1000	4 10	$\frac{1}{8} \times 11$	2.15	500	13 8	$\frac{1}{8} \times 2\frac{1}{2}$	7.60	250	57 10
$\frac{1}{8} \times 5\frac{1}{2}$	1.23	1000	5 7	$\frac{1}{8} \times 12$	2.45	500	14 4	$\frac{1}{8} \times 3$	8.60	Bulk	67 0
$\frac{1}{8} \times 6$	1.53	1000	6 12	$\frac{1}{8} \times 13$	2.75	500	16 8	$\frac{1}{8} \times 3\frac{1}{2}$	9.60	"	75 5
$\frac{1}{8} \times 6\frac{1}{2}$	.45	1000	2 12	$\frac{1}{8} \times 14$	3.05	500	17 10	$\frac{1}{8} \times 4$	10.60	"	84 7
$\frac{1}{8} \times 7$	.58	1000	3 10	$\frac{1}{8} \times 15$	3.35	500	20 0	$\frac{1}{8} \times 1\frac{1}{2}$	7.80	Bulk	60
$\frac{1}{8} \times 8$	.70	1000	4 0	$\frac{1}{8} \times 16$	3.95	250	21 2	$\frac{1}{8} \times 2$	9.30	"	70
$\frac{1}{8} \times 8\frac{1}{2}$	.83	1000	4 14	$\frac{1}{8} \times 17$	2.80	500	17 13	$\frac{1}{8} \times 2\frac{1}{4}$	10.80	"	84
$\frac{1}{8} \times 9$	.95	1000	5 9	$\frac{1}{8} \times 18$	3.20	500	20 8	$\frac{1}{8} \times 2\frac{1}{2}$	12.30	"	95
$\frac{1}{8} \times 9\frac{1}{2}$	1.08	500	6 0	$\frac{1}{8} \times 19$	3.60	250	23 0	$\frac{1}{8} \times 3\frac{1}{4}$	13.80	"	109
$\frac{1}{8} \times 10$	1.20	500	7 3	$\frac{1}{8} \times 20$				$\frac{1}{8} \times 4$	15.30	"	123

## GATE HOOKS AND EYES

MANUFACTURERS' LIST  
ADOPTED  
APRIL 1st, 1916



DISCOUNT  
GATE HOOKS and EYES

BRIGHT WIRE, ROLLED THREAD		1 1/2	2	2 1/2	3	3 1/2	4	4 1/2	5	5 1/2	6	8	10	12	14	16
Length of Hook, inches		6	7	8	9	10	11	12	13	13	13	13	13	13	13	13
Screw Gauge numbers		10	9	8	7 1/2	7	6	5	4 1/2	4 1/2	4 1/2	4 1/2	4 1/2	4 1/2	4 1/2	4 1/2
Wire Gauge numbers		3 1/2	5	7	9	11	13	15 1/2	21	22	23	28	49	45	50	55
Weight, per gross, lbs.		\$6.50	8.00	10.00	12.00	14.50	17.00	20.00	24.00	27.00	30.00	36.00	42.00	48.00	55.00	70.00
Manufacturer's List, per gross																

Packed 2 1/2 inch and shorter, one gross in box; 3 to 6 inches half gross; 7 inches and longer quarter gross in box.

## SCREW HOOKS

DISCOUNT  
SCREW HOOKS



Manufacturers'  
List Adopted  
April 1st, 1916

## SCREW EYES

DISCOUNT  
SCREW EYES



BRIGHT WIRE, SUIT "M"		2	3	4	5	6	7	8	9	10
Screw Gauge, Number		2	3	4	5	6	7	8	9	10
Length, inches		1 1/4	1 1/2	1 3/4	2	2 1/4	2 1/2	2 3/4	3	3 1/4
Weight, per gross, lbs.		2.30	2.50	2.80	3.00	3.50	4.00	4.50	5.00	6.00
Mfr's list, per gross		\$2.00	2.30	2.50	2.80	3.00	3.50	4.00	4.50	6.00

BRIGHT WIRE, SUIT "B"		10	11	12	13	14	15	16	18	20
Screw Gauge, Number		10	11	12	13	14	15	16	18	20
Length, inches		3	3 1/4	3 1/2	3 3/4	4	4 1/4	4 1/2	4 3/4	5
Weight, per gross, lbs.		5	6	8	9	11	13	17	21	25
Mfr's list, per gross		\$8.00	9.00	10.00	12.50	13.75	15.00	21.00	30.00	30.00

Nos. 2 to 12, one gross in box; others half gross.

BRIGHT WIRE, SUIT "B"		1	2	3	4	5	6	7	8	9
Screw Gauge Number		1	2	3	4	5	6	7	8	9
Length, inches		1 1/4	1 1/2	1 3/4	2	2 1/4	2 1/2	2 3/4	3	3 1/4
Weight, per gross, lbs.		1 1/2	2 1/2	3 1/2	4 1/2	5 1/2	6 1/2	7 1/2	8 1/2	9 1/2
Mfr's list per gross		\$1.50	1.50	1.50	1.70	2.00	2.50	2.80	3.30	3.80

BRIGHT WIRE, SUIT "B"		10	11	12	13	14	15	16	18	20
Screw Gauge Number		10	11	12	13	14	15	16	18	20
Length, inches		1 1/4	1 1/2	1 3/4	2	2 1/4	2 1/2	2 3/4	3	3 1/4
Weight, per gross, lbs.		2 1/2	3 1/2	4 1/2	5 1/2	6 1/2	7 1/2	8 1/2	11	13 1/2
Mfr's list per gross		\$4.50	5.80	6.50	7.00	9.00	10.00	11.00	16.00	30.00

Nos. 1 to 14, one gross in box; others half gross.

## CORNICE HOOKS

DISCOUNT  
Cornice Hook



Manufacturers'  
List Adopted  
April 1st, 1916

## STOVE PIPE EYES

DISCOUNT  
Stove Pipe Eyes



BRIGHT WIRE		1 1/4	1 1/2	1 3/4	2	2 1/4	2 1/2	3
Length, inches		4	5	6	7	8	9	10
Screw Gauge, number		1	1 1/4	1 1/2	2 1/4	3	3 1/2	4
Weight, per gross, lbs.		1	1 1/4	1 1/2	2 1/4	3	3 1/2	4
Mfr's list per gross		\$2.50	2.80	3.00	3.50	4.00	4.50	8.00

One gross in box.

BRIGHT WIRE		1 1/4	2	2 1/2	3
Length, inches		5	6	7	8
Screw Gauge, number		1 1/4	1 1/2	2 1/4	3 1/2
Weight, per gross, lbs.		1 1/4	1 1/2	2 1/4	3 1/2
Mfr's list per gross		\$2.80	3.50	4.25	5.00

One gross in box.



## Tacks

## CUT TACKS



## IN PAPERS

Ounces	1	1 1/2	2	2 1/2	3	4	6
Length, inches	3/8	3/4	7/8	1	1 1/8	1 1/4	1 1/2
Weight per dozen, lbs.	1	1 1/2	2	2 1/2	3	4	6
Manufacturers' list, per doz., Blued	\$ .69	.90	1.06	1.18	1.22	1.56	2.08
Manufacturers' list, per dozen, Tinned	\$ .74	.99	1.16	1.31	1.37	1.77	2.41

Ounces	8	10	12	14	16	18	20
Length, inches	3/8	7/8	1	1 1/8	1 1/4	1 1/2	1 3/4
Weight per dozen, lbs.	3	3 3/4	4 1/2	5 1/4	6	6 3/4	7 1/2
Manufacturers' list per dozen, Blued	\$2.49	2.97	3.36	3.92	4.48	5.04	5.60
Manufacturers' list per dozen, Tinned	\$2.91	3.49	4.01	4.67	5.31	6.01	6.68

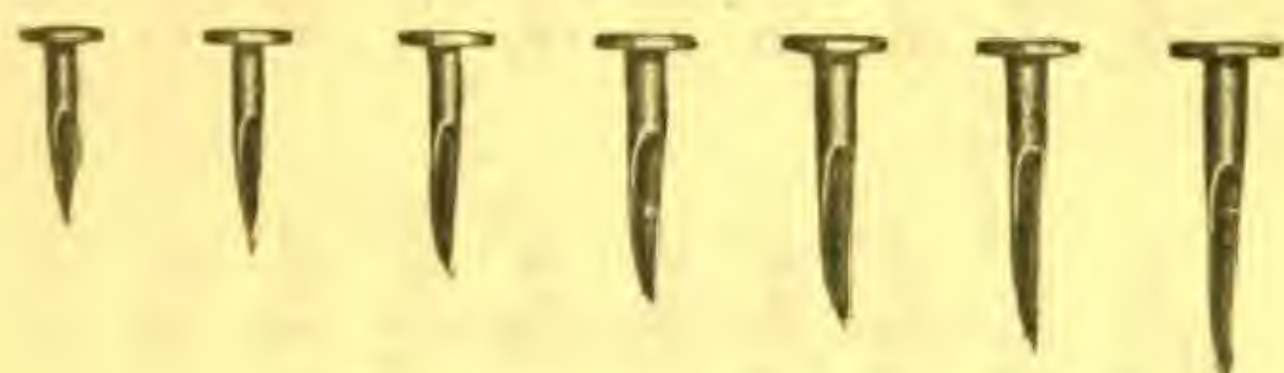
One dozen papers in package

## In 25 Pound Boxes; Blued and Tinned

Ounces	4	6	8	10	12	14
Length, inches	3/8	7/8	1	1 1/8	1 1/4	1 1/2
Manufacturers' list, per lb., Blued	\$ .78	.68	.66	.63	.60	.60
Manufacturers' list, per lb., Tinned	\$ .92	.82	.80	.77	.74	.74

Open Stock.

## CUT CARPET TACK

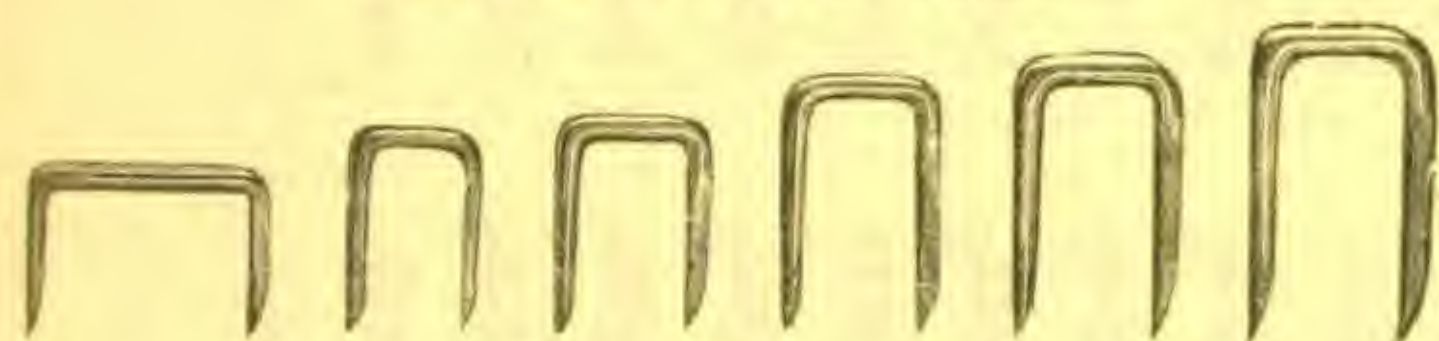


## In Papers: Blued and Tinned

Ounces	4	6	8	10	12	14	16
Length, inches	3/8	7/8	1	1 1/8	1 1/4	1 1/2	1 3/4
Weight per dozen, lbs.	2	2 1/2	3	4	5	6	7
Manufacturers' list per dozen, Blued	\$1.56	2.08	2.49	2.97	3.36	3.92	4.48
Manufacturers' list per dozen, Tinned	\$1.77	2.41	2.91	3.49	4.01	4.67	5.34

One dozen papers in package

## DOUBLE POINTED TACKS



## In Papers: Blued

Number	3	9	10	11	12	14
Length, inside, inches	1/2	3/4	7/8	1	1 1/8	1 1/4
Width, inside, inches	1/2	3/4	7/8	1	1 1/8	1 1/4
Weight per dozen, lbs.	1	3 1/2	4	4 1/2	5	6
Manufacturers' list, per dozen	\$1.00	1.00	1.20	1.30	1.40	1.50

One dozen papers in package

## LINING TACKS



## In One Pound Papers; Japanned

Ounces	2 1/2	3	4	6	8	10	12
Length, inches	3/8	7/8	1	1 1/8	1 1/4	1 1/2	1 3/4
Manufacturers' list, per lb.	\$2.25	2.00	1.85	1.80	1.75	1.70	1.65

Open Stock.

## GLAZIERS' POINTS

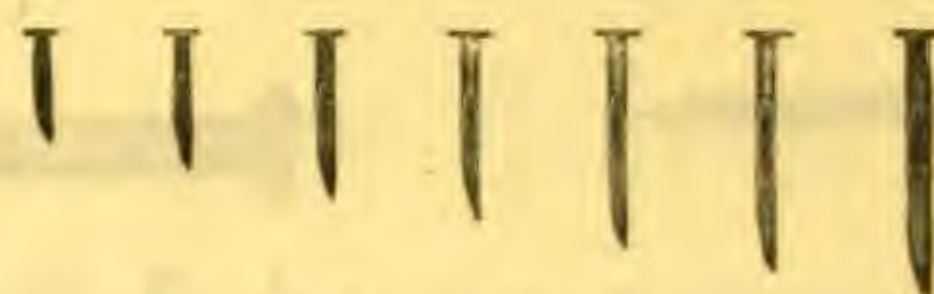


## Zinc Coated; in 1/2-lb. Papers.

Sizes	00	0	1	2
Per lb.	\$0.14	0.14	0.14	0.14

Open Stock.

## SHOE TACKS



## In Papers; Blued

Ounces	1	1 1/2	2	2 1/2	3
Length, inches	3/8	7/8	1	1 1/8	1 1/4
Weight per dozen, lbs.	1	1 1/2	2	2 1/2	3
Manufacturers' list per 100 dozen	\$37.00	37.00	37.00	45.00	50.00

Ounces	3 1/2	4	5	6	8	10
Length, inches	1 1/4	1 1/2	1 3/4	2	2 1/2	2 3/4
Weight per dozen lbs.	1 1/4	1 1/2	1 3/4	2	2 1/2	2 3/4
Manufacturers' list per 100 dozen	\$60.00	65.00	80.00	95.00	120.00	150.00

One dozen papers in package

## In One Pound Packages

Ounces	1	1 1/2	2	2 1/2	3	4
Length, inches	3/8	7/8	1	1 1/8	1 1/4	1 1/2
Weight per dozen lbs.	1	1 1/2	2	2 1/2	3	4
Manufacturers' list per 100 lbs.	\$28.50	24.75	22.00	19.25	16.75	16.00

Open Stock.

## WIRE SHOE RIVETS



## In One Pound Papers; Soft Steel and Brass

Length, inches	3 1/2	4-4 1/2	5-5 1/2	6-6 1/2
Manufacturers' list per 100 lbs., 16 Ga. Steel	\$15.75	15.75	14.25	14.25
Manufacturers' list, per 100 lbs., 16 Ga. Brass	\$71.35	67.35	66.10	65.10

Length, inches	7-7 1/2	8-8 1/2	9-11 1/2	12-1 1/2
Manufacturers' list per 100 lbs., 16 Ga. Steel	\$12.75	12.75	11.25	11.25
Manufacturers' list per 100 lbs., 16 Ga. Brass	\$64.35	63.85	63.35	62.85

Extra for 17 Ga. Steel	\$1.00	per 100 Pounds
" " 18 " " "	2.00	" " "
" " 17 " Brass	1.50	" " "
" " 18 " " "	3.50	" " "
" " 1 1/2 lb. papers	2.00	" " "
" " 1 1/4 " " "	4.00	" " "

Open Stock.

## HOB NAILS



## In One Pound Papers; Square and Fancy Head

Length, inches	3 1/2	4 1/2	5 1/2	6 1/2	7 1/2	8 1/2
Manufacturers' list, per 100 lbs.	\$17.00	16.50	16.50	16.50	16.50	16.50
" " " " "	\$18.00	17.50	17.50	17.50	17.50	17.50
" " " " "	\$18.70	18.20	18.20	18.20	18.20	18.20

Extra per 1/2 lb. Papers	\$2.00	per 100 Pounds
Extra for 1/4 lb. Papers	4.00	" " "

Open Stock.

## GIMP TACKS



## In Papers; Blued and Tinned

Ounces	2 1/2	3	4	6	8
Length, inches	3/8	7/8	1	1 1/8	1 1/4
Weight per dozen, lbs.	1	1 1/2	2	2 1/2	3
Manufacturers' list, per dozen; Blued	\$1.19	1.23	1.53	2.07	2.46
Manufacturers' list, per dozen; Tinned	\$1.32	1.38	1.74	2.39	2.88

One dozen papers in package.

## ESCUTCHEON PINS



## Brass; In Pound Papers

Length, inches	1	1 1/2	2	2 1/2
Gauge number	16	16	16	16
Per lb.	\$1.04	1.02	1.00	0.98

Open Stock.



## Nails

## COMMON WIRE NAILS

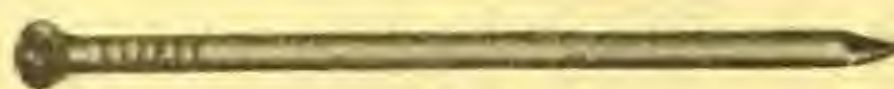


Length, inches.	1	1 1/4	1 1/2	1 3/4	2	2 1/4	2 1/2	2 3/4	3	3 1/2	4	4 1/2	5	5 1/2	6	7	8	10
Sizes	2d	3d	4d	5d	6d	7d	8d	9d	10d	11d	12d	13d	14d	15d	16d	17d	18d	20d
Gauge Numbers	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	0	0	0
Number per pound	876	778	568	357	234	199	115	95	69	43	31	24	18	14	10	8	5 1/2	4
Advance over Base	\$1.50	\$1.40	1.15	.80	.75	.60	.55	.30	.30	.20	.10	.05	.05	Base	Base	Base	25	25

Per keg, Base Sizes

100 lb. kegs

## WIRE FINISHING NAILS



Length, inches.	1 1/2	1 3/4	2	2 1/4	2 1/2	2 3/4	3	3 1/4	3 1/2	4
Sizes	10d	11d	12d	13d	14d	15d	16d	17d	18d	20d
Gauge Numbers	11	10	9	8	7	6	5	4	3	2
Number per pound	5334	4267	2758	1781	1558	913	584	406	268	155

Per lb.

25 lb. boxes

Length, inches.	1 1/2	1 3/4	2	2 1/4	2 1/2	2 3/4	3	3 1/4	3 1/2	4
Sizes	10d	11d	12d	13d	14d	15d	16d	17d	18d	20d
Gauge Numbers	11	10	9	8	7	6	5	4	3	2
Number per pound	1558	913	584	406	268	164	140	105	100	71

Per 100 lbs

100 lb. kegs

Length, inches.	1 1/2	1 3/4	2	2 1/4	2 1/2	2 3/4	3	3 1/4	3 1/2	4
Sizes	10d	11d	12d	13d	14d	15d	16d	17d	18d	20d
Gauge Numbers	11	10	9	8	7	6	5	4	3	2
Number per pound	1558	913	584	406	268	164	140	105	100	71
Advance over Base	\$2.00	1.65	1.30	1.25	1.10	.80	.80	.70	.65	.55

Per keg, Base Sizes

## WIRE MOULDING NAILS

Same Style as Finishing but of Heavier Gauge

25 lb. Boxes

Length, inches.	1 1/2	1 3/4	2	2 1/4	2 1/2	2 3/4	3	3 1/4	3 1/2	4
Sizes	10d	11d	12d	13d	14d	15d	16d	17d	18d	20d
Gauge Numbers	11	10	9	8	7	6	5	4	3	2
Number per pound	1140	700	475	305	205	182	125	115	83	64

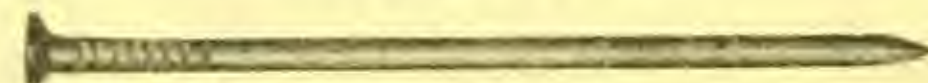
Per 100 lbs

100 lb. kegs

Length, inches.	1 1/2	1 3/4	2	2 1/4	2 1/2	2 3/4	3	3 1/4	3 1/2	4
Sizes	10d	11d	12d	13d	14d	15d	16d	17d	18d	20d
Gauge Numbers	11	10	9	8	7	6	5	4	3	2
Number per pound	1140	700	475	305	205	182	125	115	83	64
Advance over Base	\$1.75	1.40	1.05	1.00	.85	.80	.55	.55	.45	.35

Per keg, Base Sizes

## BOX NAILS



Length, inches.	1 1/2	1 3/4	2	2 1/4	2 1/2	2 3/4	3	3 1/4	3 1/2	4
Sizes	10d	11d	12d	13d	14d	15d	16d	17d	18d	20d
Gauge Numbers	11	10	9	8	7	6	5	4	3	2
Number per pound	1140	700	475	305	205	182	125	115	83	64
Advance over Base	\$1.75	1.40	1.05	1.00	.85	.80	.55	.55	.45	.35

Per keg, Base sizes

100 lb. kegs.

Coated Box Nails advance over Base. Per keg \$0.35

## CASING NAILS

Length, inches.	1 1/2	1 3/4	2	2 1/4	2 1/2	2 3/4	3
Sizes	4d	5d	6d	7d	8d	9d	10d
Gauge Numbers	15	14	13	12	11	10	9
Number per pound	470	400	265	225	164	130	105
Advance over Base	1.30	1.25	1.10	1.05	.80	.80	.70

Per Keg, Base Sizes

100 lb. kegs.

## WIRE FLOORING NAILS



Length, inches.	2	2 1/4	2 1/2	2 3/4	3	3 1/4	3 1/2
Sizes	6d	7d	8d	9d	10d	11d	12d
Gauge Numbers	11	10	9	8	7	6	5
Number per pound	160	140	100	90	70	64	55
Advance over Base	.85	.80	.55	.55	.45	.40	.35

Per Keg, Base Sizes

100 lb. kegs

NOTE:—EXTRAS ON ALL NAILS ARE NET AND NOT SUBJECT TO DISCOUNT.



## Nails and Spikes

## LATH NAILS



Length, inches.....	1	1 1/4
Size.....	2d	3d fine
Gauge, number.....	16	16
Number per pound.....	1400	1300
Advance over base.....	\$1.75	1.60

Per keg. Base Sizes.....\$  
100 lb. kegs.

## ROOFING NAILS



Length, inches.....	1	1 1/4	1 1/2	2
Gauge, number.....	12	11	11	10
Number per pound.....	411	250	210	124
Plain, advance over base.....	\$1.20	.95	.80	.65
Galv'd, advance over base.....	\$4.20	3.95	3.80	3.65

Per keg. Base sizes.....\$  
100 lb. kegs.

## DOMSTEEL ROOFING NAILS



A special Large Head Nail for Sheet Roofing use.	
Length, inches.....	1
Diameter of head, inches.....	1
Gauge, number.....	12
Number per pound.....	200
Per 100 lbs.....	\$

100 lb. kegs.

## CLOUT NAILS

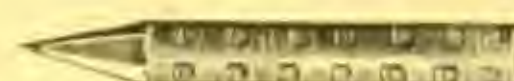


Blued, Tinned and Copper				
Length, inches.....	1 1/2	1	3/4	1
Blued, Per lb.....	\$			
Tinned, Per lb.....	\$			
Copper, Per lb.....	\$			

Length, inches.....	1 1/2	1 1/4	1 1/2	2
Blued, Per lb.....	\$			
Tinned, Per lb.....	\$			
Copper, Per lb.....	\$			

1 lb. packages.

## SASH PINS



Length, inches.....	1	1 1/4	1 1/2	1 3/4
Gauge, number.....	8	8	8	8
Number per pound.....	190	165	150	120
Advance over base.....	\$2.00	2.00	1.75	1.50

Per keg. Base.....\$

## ROOFING CAPS



Stamped Tin, diameter 1 1/2 inch, used in laying roofing and building paper, about 280 to the lb.  
Per -pound.....\$0.20

Open Stock.

## COMMON CUT NAILS



Length, inches.....	1	1 1/8	1 1/4	1 1/2	1 3/4	2	2 1/4	2 1/2	2 3/4
Number per pound.....	350	300	250	200	180	140	100	80	60
Advance over base.....	\$1.50	1.40	1.15	.80	.75	.60	.55	.30	.30

Length, inches.....	3	3 1/4	3 1/2	4	4 1/2	5	5 1/2	6
Number per pound.....	65	50	40	31	22	18	14	12
Advance over base.....	\$2.20	1.15	1.10	.05	.05	.00	.00	.00

Per 100 lbs. Base sizes.....\$

100 lb. kegs.

## CUT FLOORING NAILS



Length, inches.....	2	2 1/4	2 1/2	2 3/4	3
Size.....	6d	7d	8d	9d	10d
Number per pound.....	180	140	100	80	65
Advance over base.....	\$ .85	.80	.65	.65	.60

Per 100 lbs. Base Sizes.....\$

100 lb. kegs.

## CUT FINISHING NAILS

Length, inches.....	1 1/2	1 3/4	2	2 1/4	2 1/2	2 3/4	3
Number per pound.....	256	180	140	88	80	69	56
Advance over Base.....	\$1.80	1.75	1.60	1.55	1.30	1.30	1.20

Per 100 lbs. Base Sizes.....\$

100 lb. kegs.

## GALVANIZED BOAT NAILS



Length, inches.....	1	1 1/4	1 1/2	1 3/4	2	2 1/4	2 1/2	2 3/4	3
Number per pound.....	560	440	256	180	140	85	80	69	56
Advance over Base.....	\$3.50	3.00	2.35	2.35	2.15	2.15	2.00	2.00	1.85

Per 100 lbs. Base sizes.....\$

50 lbs. in a box.

## PRESSED RAILROAD SPIKES



Size, inches.....	2 1/2 x 3/4	3 x 1/2	3 1/2 x 1	4 x 1	4 1/2 x 1 1/2	5 x 1 1/2
Quantity in keg.....	1764	1367	1198	565	538	396
Lbs. per mile of single track.....	1200	1550	1800	3750	3950	5350
Weight per yard on rail used, lbs.....	8 to 16	16 to 20	16 to 20	30 to 35	40 to 56	40 to 56
Per 100 lbs.....	\$					

Note.—In the above table, number of lbs. to the mile is calculated on the basis of four spikes per tie, ties spaced two feet apart, center to center.

300 lb. kegs.

## PRESSED SHIP SPIKES



Length, inches	Size 1/2 in. Sq. Keg Per 100 Contains lbs.	Size 3/4 in. Sq. Keg Per 100 Contains lbs.	Size 1 in. Sq. Keg Per 100 Contains lbs.	Size 1 1/4 in. Sq. Keg Per 100 Contains lbs.
6	579	380	171	87
7	442	322	160	75
8	304	171	148	
9		160	136	
10		148		
12		136		



## Rivets and Burrs

## SLOTTED RIVETS



No. 9B—Coppered Norway Iron Slotted or Clinch with oval heads; assorted lengths,  $\frac{1}{4}$  to  $\frac{1}{2}$  inch. Weight per carton,  $2\frac{1}{2}$  lbs.

Per carton.....\$2.50

No. 6—Large size; assorted lengths  $\frac{5}{16}$  to  $\frac{3}{4}$  inch; weight per carton  $3\frac{1}{4}$  lbs. Per carton.....\$5.50

100 in paper box; 12 boxes in carton.

## SECTION RIVETS



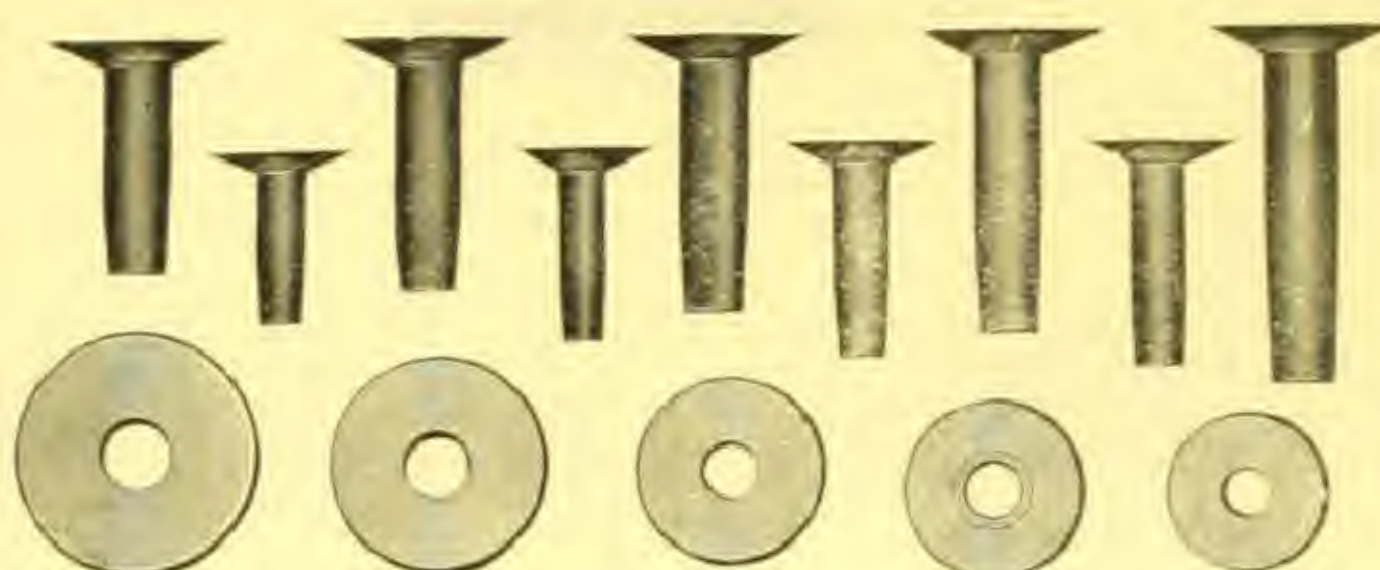
No. 6—Norway Iron; flat countersunk heads; diameter  $\frac{3}{16}$  inch.

Length inches..... $\frac{1}{2}$   $\frac{3}{8}$   $\frac{3}{4}$   $\frac{7}{8}$  1

Mfr's List. Per lb.....\$0.23 .23 .22 $\frac{1}{2}$  .22 $\frac{1}{2}$  .22

Five pounds in package

## Belt Rivets and Burrs



## COPPER

Assorted; with burrs in  $\frac{1}{2}$  lb. packages; sizes as follows:  $\frac{1}{4}$ ,  $\frac{1}{2}$ ,  $\frac{3}{4}$  and  $\frac{7}{8}$  inches

Number.....8

Mfr's list, per pound.....\$0.56

Five pounds in carton

Copper Rivets, straight lengths.

No. 8..... $\frac{1}{8}$   $\frac{3}{16}$   $\frac{1}{4}$   $\frac{5}{16}$   $\frac{3}{8}$   $\frac{1}{2}$  1 1 $\frac{1}{4}$

Mfr's list, lb.....\$0.50

No. 10..... $\frac{1}{8}$   $\frac{3}{16}$   $\frac{1}{4}$   $\frac{5}{16}$   $\frac{3}{8}$   $\frac{1}{2}$  1 1 $\frac{1}{4}$

Mfr's list, lb.....\$0.54

One box.

Copper Burrs.

Numbers.....8 10

Mfr's list. Per lb.....\$0.50 .54

Coppered Iron Burrs.

Numbers.....8 10

Mfr's list. Per lb.....\$0.36 .39

One lb. in paper

## DISCOUNTS

Copper Rivets.....  
Copper Burrs.....  
Coppered Rivets.....

## COPPERED

Assorted; with burrs in  $\frac{1}{2}$  lb. packages; sizes as follows:  $\frac{1}{4}$ ,  $\frac{1}{2}$ ,  $\frac{3}{4}$  and  $\frac{7}{8}$  inches.

Number.....8

Mfr's list. Per pound.....\$0.44

Five pounds in Carton

Coppered Iron Rivets.

Length, inches..... $\frac{1}{8}$   $\frac{3}{16}$   $\frac{1}{4}$   $\frac{5}{16}$   $\frac{3}{8}$   $\frac{1}{2}$  1 1 $\frac{1}{4}$

Mfr's list No. 8, per lb.....\$0.30 .29 .27 .27

Mfr's list No. 10, per lb.....\$0.33 .31 .29 .29

Length, inches..... $\frac{1}{8}$   $\frac{3}{16}$   $\frac{1}{4}$   $\frac{5}{16}$   $\frac{3}{8}$   $\frac{1}{2}$  1 1 $\frac{1}{4}$

Mfr's list No. 8, per lb.....\$0.26 $\frac{1}{2}$  .26 $\frac{1}{2}$  .26 .26

Mfr's list No. 10, per lb.....\$0.28 $\frac{1}{2}$  .28 $\frac{1}{2}$  .28 .28

In one pound boxes.

Net extra for coppering  $2\frac{1}{2}$  cts per pound.

## Norway Iron Rivets

Manufacturers' List Adopted

August, 9th, 1920



ROUND HEAD



WHEEL HEAD



COUNTERSUNK HEAD



WAGON BOX HEAD

## DISCOUNT

NORWAY RIVETS.....

## LIST PRICE PER POUND IN 200 LB. KEGS

Size Wire	6 to 3 $\frac{1}{4}$	3 $\frac{1}{2}$ to 2 $\frac{1}{4}$	2 to 1	$\frac{7}{8}$ and $\frac{3}{4}$	$\frac{5}{8}$ and $\frac{1}{2}$	$\frac{3}{8}$	$\frac{1}{4}$	$\frac{1}{8}$	$\frac{1}{16}$	$\frac{1}{32}$	$\frac{1}{64}$	$\frac{1}{128}$	$\frac{1}{256}$	$\frac{1}{512}$	$\frac{1}{1024}$	$\frac{1}{2048}$
7-16	17	17	15	15 $\frac{1}{2}$	16	17	18	19	20	20						
3-8	17	17	15	15 $\frac{1}{2}$	16	17	18	19	20	20						
11-32	18 $\frac{1}{2}$	17 $\frac{1}{2}$	15 $\frac{1}{2}$	16 $\frac{1}{2}$	16 $\frac{1}{2}$	17	18	19	20	20						
5-16	18 $\frac{1}{2}$	17 $\frac{1}{2}$	15 $\frac{1}{2}$	16 $\frac{1}{2}$	16 $\frac{1}{2}$	17	18	19	20	20						
1	19	18	16	16 $\frac{1}{2}$	17	19	19	19	20	20						
$\frac{1}{2}$ or 2	19	18	16	16 $\frac{1}{2}$	17	19	19	19	20	20	20	21				
3	19	18	16	16 $\frac{1}{2}$	17	19	19	19	20	20	20	21	21			
1-4	19	18	16	16 $\frac{1}{2}$	17	19	19	19	20	20	20	21	21	21		
4	22	20	17	17 $\frac{1}{2}$	18	19	20	20	21	22	22	23	24	25	25	25
$\frac{1}{2}$ or 5	22	20	17	17 $\frac{1}{2}$	18	20	20	20	21	22	22	23	24	25	25	25
6	22	20	17	17 $\frac{1}{2}$	18	20	21	21	22	22	23	24	25	26	27	28
3-16	22	20	17	17 $\frac{1}{2}$	18	20	21	21	22	22	23	24	25	26	27	28
7			17	17 $\frac{1}{2}$	19	20	21	21	22	22	23	24	25	26	27	28
$\frac{1}{2}$ or 8			18	18 $\frac{1}{2}$	19	21	22	22	23	23	24	25	26	27	28	29
9			19	19 $\frac{1}{2}$	20	22	23	23	25	25	26	27	28	29	31	32
10			20	20 $\frac{1}{2}$	21	23	25	27	29	30	30	32	35	37	39	40
$\frac{1}{2}$ or 11			21	21 $\frac{1}{2}$	22	26	29	30	32	33	33	35	39	42	44	47
12			22	22 $\frac{1}{2}$	23	28	31	32	34	36	37	38	43	47	52	57

The following Extras are a part of the Rivet List:

100 Pound Kegs.....add 1c. to List  
50 Pound Boxes.....add 3c. to List  
25 Pound Boxes.....add 4c. to List  
5 or 10 Pound Packages.....add 5c. to List  
1 Pound Packages.....add 8c. to List

The general list of Rivets as shown in the above List in regular Round, Wagon-box, Wheel, Cone Head or Countersunk, shall be considered as Standard.



# Tinners' Rivets

## DISCOUNT TINNERS RIVETS

Manufacturers' List Adopted Aug. 9th. 1920

Sizes	8 oz.	10	12	14	1 1/8	1 1/4	1 1/2	1 3/4	2	2 1/2	3	4	5	6	7	8	10	12	14	16	18	20
Length, inches	1 1/8	1 1/4	1 1/2	1 3/4	2	2 1/4	2 1/2	2 3/4	3	3 1/2	4	5	6	7	8	10	12	14	16	18	20	
Gauge No.	13	13	12	12	11	11	10	10	9	9	8	7	6	6	5	4	3	2	1	1	1	1
Mfrs. list per 1000 B. Iron	.32	.36	.41	.45	.48	.54	.62	.67	.72	.83	.96	1.20	1.30	1.50	1.75	2.00	2.40	2.64	3.08	3.52	3.78	4.20

Net Extra—For Tinned Tinners Rivets, 3 cents per pound.

## IRON BURRS



**DISCOUNTS**  
IRON BURRS.....  
CORR. FASTENERS.....

List per pound in 200 lb. kegs

Gauge, number or inch	10	8	7	5/8	6	5	4	3 1/2 to 3 1/4
Mfrs. list, per pound	\$ .73	.70	.39	.38	.38	.34	.33	.32

Extras for packages the same as on Norway Iron rivets.

## CORRUGATED FASTENERS



List per 1000—Saw or Plain Edge

Depth, inches	3/4	1	1 1/4	1 1/2	1
Mfr's list, per 1000—2 corrugations	\$ .55	.60	.80	.90	1.15
Mfr's list, per 1000—4 corrugations	\$ .95	1.05	1.30	1.45	1.85
Mfr's list, per 1000—6 corrugations	\$ 1.40	1.50	1.85	2.15	2.85

Other sizes can be supplied promptly.

## Staples

### BLIND



### COPPERED

Length, inches	3/4	1	1 1/4	1 1/2	1 3/4
Wire gauge	18	18	18	18	18
App. number per lb.	2595	1920	1648	1408	1360
Per pound	\$0.16	0.14	0.14	0.12	0.10

10 lbs. in box.

### BED

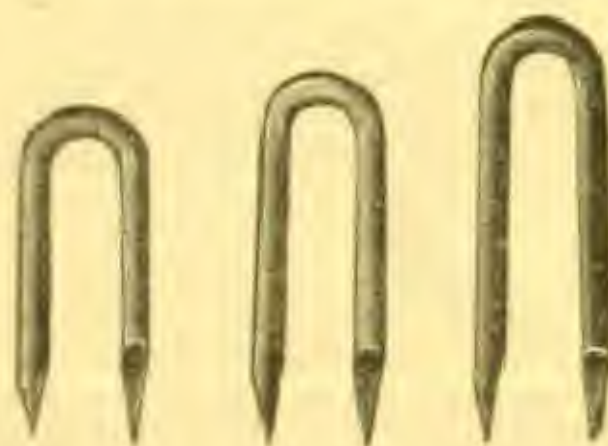


### COPPERED

Length, inches	3/4	1	1 1/4	1 1/2	1 3/4
Width inside, inches	3/8	3/8	3/8	3/8	3/8
Wire Gauge	16	15	14	14	14
App. number per lb.	896	600	512	464	
Per pound	\$0.36	0.32	0.30	0.30	

10 lbs. in box.

## POULTRY NETTING



### BRIGHT and GALVANIZED

Length, inches	3/4	1	1 1/4	1 1/2	1 3/4
Width, inside, inches	3/8	3/8	3/8	3/8	3/8
Wire gauge	14	13	13	13	13
App. number, per lb.	512	336	284	260	
Bright, per pound	\$0.16	0.16	0.16	0.16	
Galvanized, per pound	\$0.18	0.18	0.18	0.18	

10 lbs. in box.

Note—Can also be supplied promptly in 25 lbs. boxes, 50 lb. boxes and 100 lb. kegs.

### FENCE



### BRIGHT and GALVANIZED

Length, inches	1 1/4	1 1/2	1 3/4	2
Width inside, inches	3/8	3/8	3/8	3/8
Wire Gauge	9	9	9	9
App. number, per lb.	89	74	67	60
Bright, per 100 lbs.	\$8.40	8.40	8.40	8.40
Galvanized, per 100 lbs.	\$10.40	10.40	10.40	10.40

100 lbs. in keg

## STOVE PIPE WIRE



Annealed; in 4 ounce coils; five pounds in a bundle

No. 18—Gauge per 100 lbs.	\$17.50
No. 19—Gauge per 100 lbs.	\$18.50

## SNARE WIRE



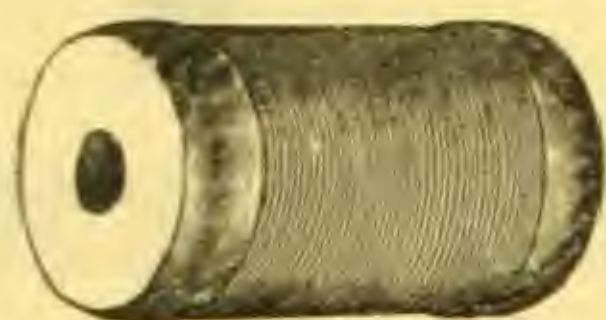
Brass; soft and pliable; put up in 1 ounce coils, five pounds in a bundle.

Gauge, number	20	22	23	24
Per pound	\$0.88	0.90	0.92	0.94



## Wire

## SPOOLED WIRE



A Convenient method of selling various kinds of small gauge wire; small size spools.

Gauge, number	18	20	22	24	26
Black annealed, per doz.	\$2.20	2.30	2.40	2.50	2.60
Tinned, annealed, Per doz.	\$2.60	2.70	2.90	3.10	3.30
Soft brass, per doz.	\$5.30	5.30	5.70	6.20	6.40
Soft Copper, per doz.	\$4.40	4.40	4.80	5.20	5.40

One dozen spools in box.

## SPOOL WIRE ASSORTMENT

No. 147—Contains 147 spools, of the best selling sizes in black, tinned, brass and copper wire as listed above; in cardboard display box for counter use, weight each, 20 lbs.

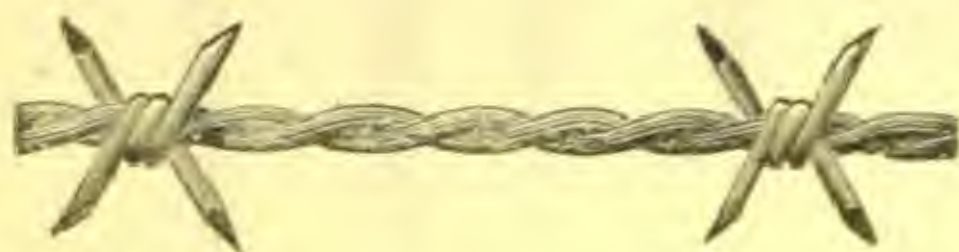
Per assortment, \$14.00

## TWO POINT BARBED WIRE



Two 12 gauge Galvanized wires twisted; with two point barbs five inches apart, on spools containing 80 rods and weighing about 76 lbs. Per spool, \$

## FOUR POINT BARBED WIRE



Two 12 gauge Galvanized wires twisted with four point barbs six inches apart, on spools containing 80 rods and weighing about 85 lbs. Per spool, \$

## COILED SPRING WIRE

High Carbon Steel; galvanized wire; coiled so as to retain tension the same as lineal wires of woven fencing; bundles contain about 100 lbs.

Gauge, number	9	12
Per 100 lbs.		

## MUSIC WIRE



High Carbon Steel Wire; polished finish; in one pound coils; all sizes furnished promptly, price on application.

## IRON AND STEEL WIRE



Oiled and Annealed; for fencing purposes; in coils of about 50 lbs.

Gauge, number	9	10	11	12
Per 100 lbs.				

Plain Galvanized; used for fencing; brace wires; guy wires, etc.; in coils of about 100 lbs.

Gauge, number	9	10	11	12	13
Per 100 lbs.					

Hard Tinned Wire; for tinmiths use, in coils of about 50 lbs.

Gauge, number	6	7	8	9	10	11	12
Per 100 lbs.							

Annealed Hay Wire; for hay baling; in coils of 50 lbs.

Gauge, number	13	14	15	16	17	18
Per 100 lbs.						

## BALE TIES



Annealed Bale Ties; with loops for hay baling presses; in bundles of about 35 lbs.

Gauge, number	12	13	13½	14	15	16
Per 100 lbs.						

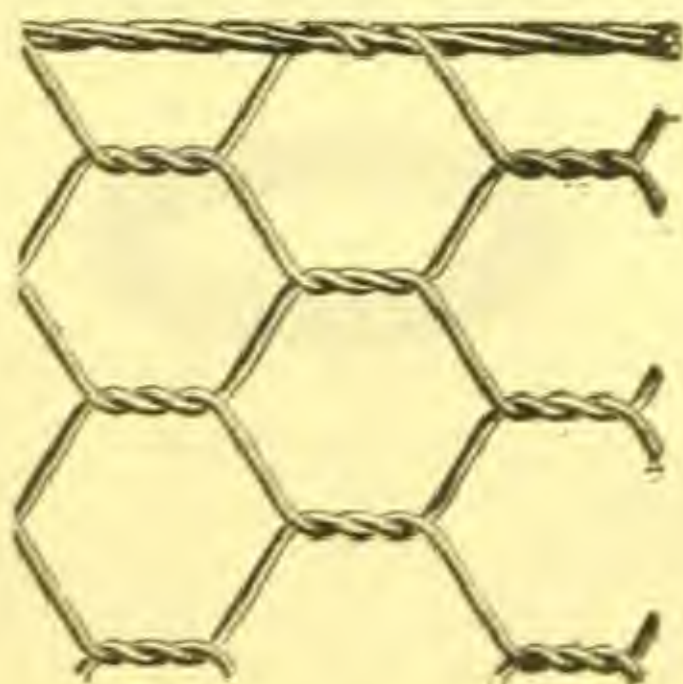
## PLAIN TWIST WIRE



Two 12 Gauge Galvanized Wires Twisted; without barbs; for fencing; on spools containing about 100 lbs. Per 100 lbs, \$

## Poultry Netting

## CANADIAN PATTERN



Hexagonal Mesh; Standard Gauge Wire; galvanized after weaving; rolls contain 50 lineal yards.

1 inch Mesh—20 Gauge Wire					
Width, inches	18	24	30	36	48
Weight per roll, lbs.	32	36	40	44	70
Mfr's list, per roll	\$5.50	7.00	8.50	10.00	14.00
2 inch Mesh—19 Gauge Wire					
Width, inches	12	18	24	30	36
Weight per roll, lbs.	13	17	21	26	30
Mfr's list, per roll	\$1.80	2.65	3.40	4.00	4.75
3 inch Mesh—18 Gauge Wire					
Width, inches	48	60	72	84	96
Weight per roll, lbs.	40	50	55	60	70
Mfr's list, per roll	\$6.20	7.70	9.20	10.50	12.00

## STRAIGHT LINE PATTERN



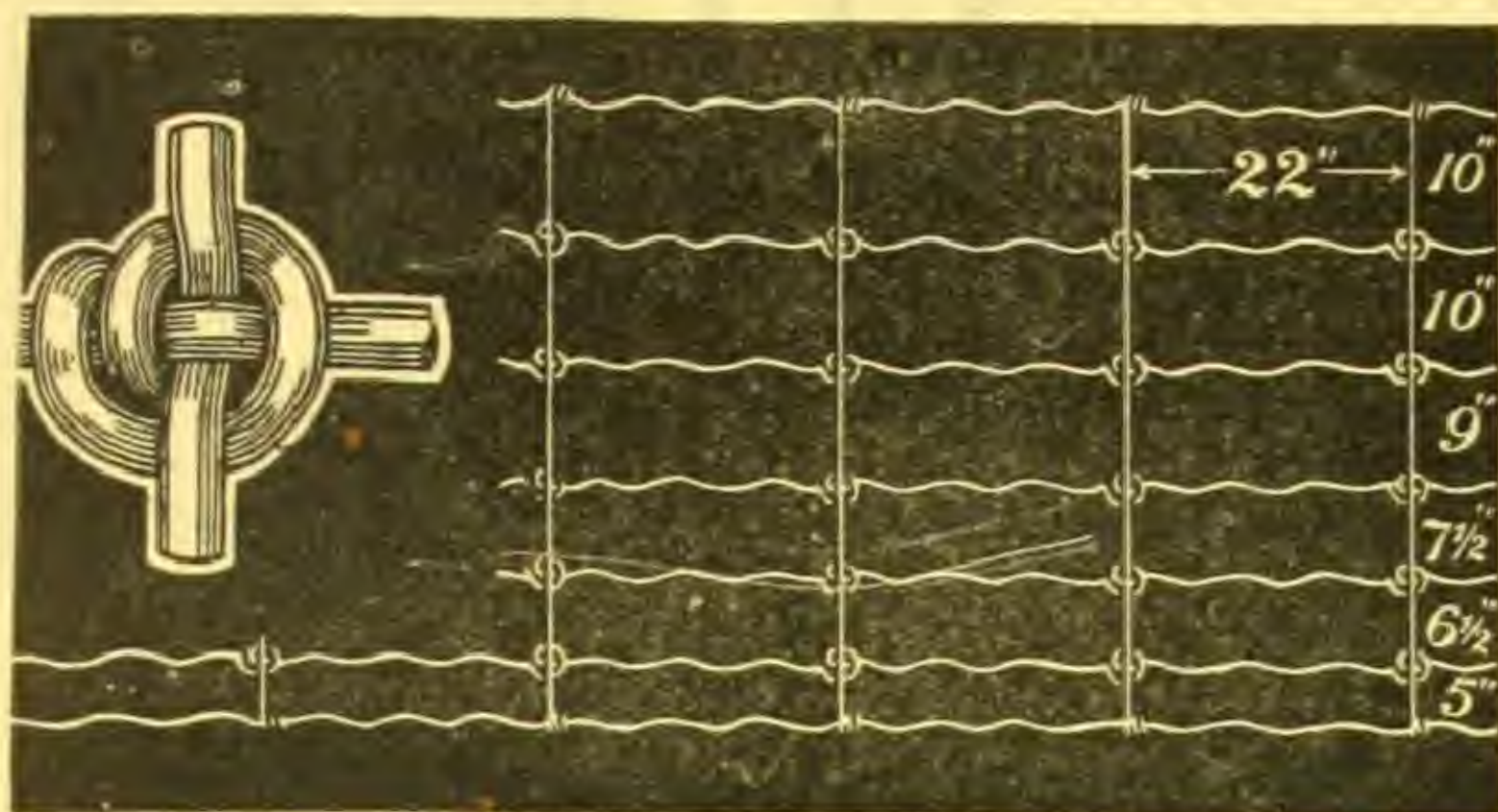
Straight line Netting; polls straight; does not sag, buckle or unweave; and can be tightened properly. Fewer posts are necessary and no top rails or baseboards are needed in erecting; galvanized wire; rolls contain 50 yards.

1 inch Mesh—20 Gauge Wire					
Width, inches	18	24	30	36	48
Weight per roll, lbs.	32	36	40	44	70
Mfr's list, Per roll	\$5.50	7.00	8.50	10.00	14.00
2 inch Mesh—19 Gauge Wire					
Width, inches	12	18	24	30	36
Weight per roll, lbs.	13	17	21	26	30
Mfr's list, Per roll	\$1.80	2.65	3.40	4.00	4.75
3 inch Mesh—18 Gauge Wire					
Width, inches	48	60	72	84	96
Weight per roll, lbs.	40	50	55	60	70
Mfr's list, Per roll	\$6.20	7.70	9.20	10.50	12.00



# Dominion Fencing

## FIELD FENCING



**DOMINION Field Fencing** is made from high grade open hearth steel wire heavily galvanized and securely locked as shown in inset cut above. Great care is taken in the weaving to have the stay wire uniformly spaced and perpendicular when the fence is constructed.

No. 433—4 strand; height 33 inches; stays 22 inches apart; all heavy gauge wires; spacing 10, 11 and 12 inches. Weight per rod, 4½ lbs.

Per rod.....49½

No. 540—5 strand; height 40 inches; stays 22 inches apart; all heavy gauge wires; spacing 8, 9, 11 and 12 inches. Weight per rod, 5½ lbs.

Per rod.....62½

No. 640—6 strand; height 40 inches; stays 22 inches apart; all heavy gauge wires; spacing 6, 7, 8, 9 and 10 inches. Weight per rod, 6½ lbs.

Per rod.....71

No. 748—7 strand; height 48 inches; stays 22 inches apart; all heavy gauge wires; spacing 5, 6½, 7½, 9, 10 and 10 inches. Weight per rod, 7½ lbs.

Per rod.....82½

No. 726—1 strand; height 26 inches; stays 6 inches apart; top and bottom wires standard gauge; stays and intermediate wires number 12; spacing 3, 3½, 4½, 5½, and 6½ inches; weight per rod, 5½ lbs.

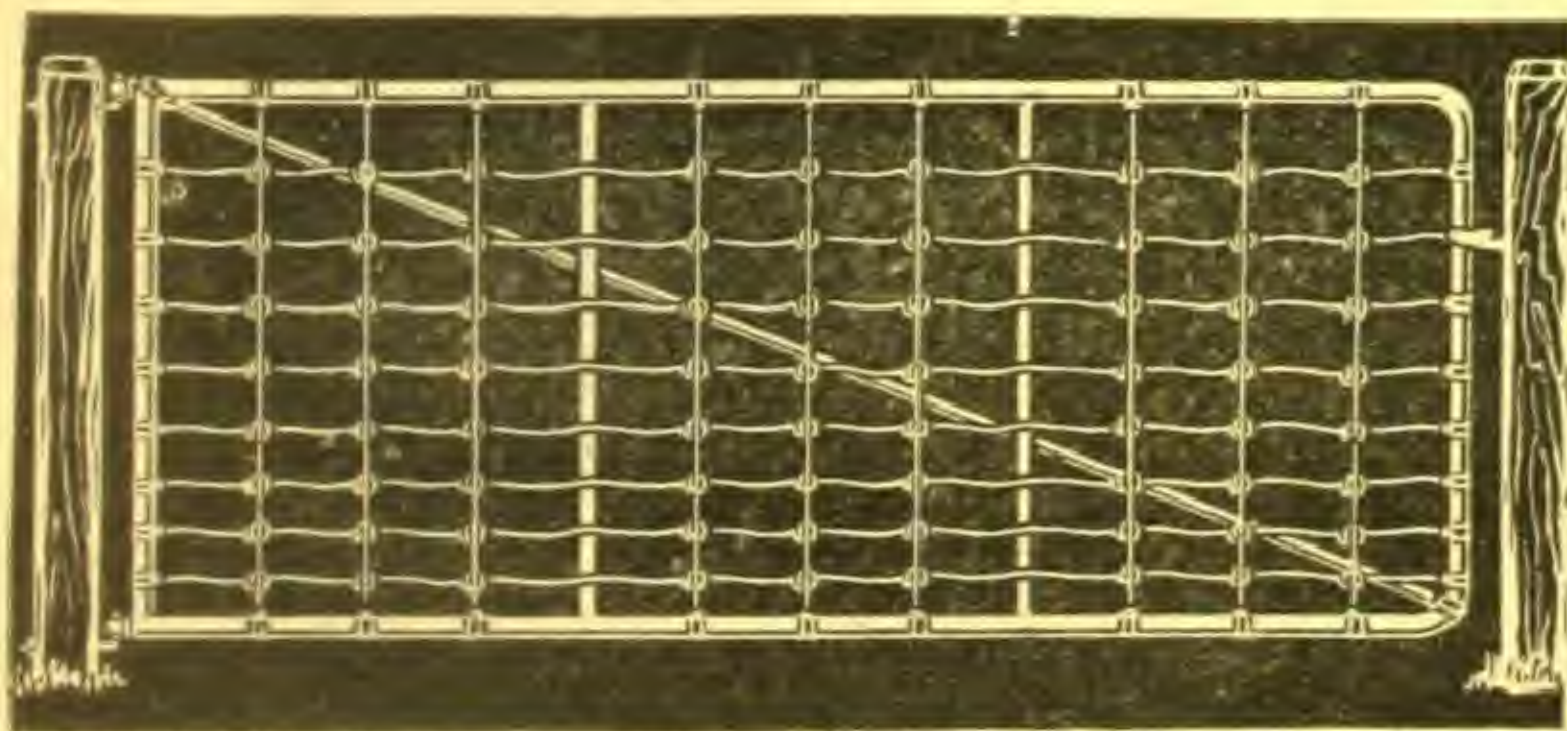
Per rod.....79½

No. 935—9 strand; height 35 inches; stays 13 inches apart; top and bottom wires standard gauge, stays and intermediate wires number 12; spacing 3, 3½, 4, 4½, 5, 6 and 6 inches. Weight per rod, 7 lbs.

Per rod.....79½

20, 30 or 40 rod rolls.

## FIELD GATES

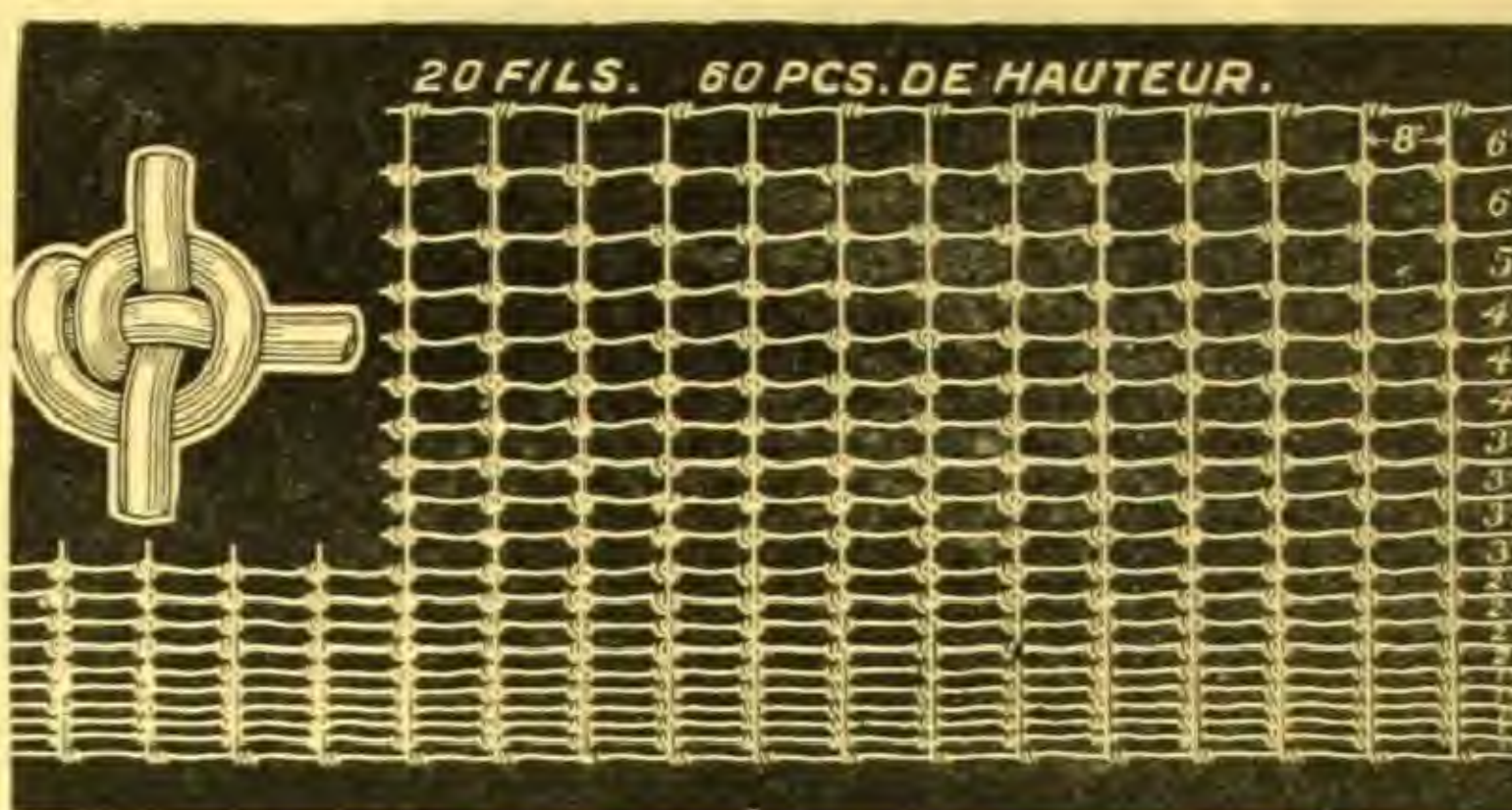


**DOMINION Field Gates**; tubular frame; two tubular upright braces and wire braced to prevent sagging. Galvanized throughout; complete with hinges and fastenings.

Height, inches.....	48	48	48	48
Opening, feet.....	10	12	14	16
Weight each, lbs.....	60	75	90	105
Each.....	\$12.34	13.80	15.34	16.92

Open stock.

## POULTRY FENCING



**BANTAM POULTRY FENCING** is woven from hard steel wire; galvanized finish; secure lock; filler wires are 15½ gauge; top and bottom wires 12 gauge; uprights are 6 inches apart; rolls contain 10 rods.

No. 1324—Thirteen strand; height 24 inches; spaced 1, 1, 1, 1½, 1½, 2, 2½, 2½, 2½, 3, 3 and 3 inches; weight per roll 50 lbs. Per roll.....\$ 7.36

No. 1430—Fourteen strand; height 30 inches; spaced 1, 1, 1, 1½, 1½, 2, 2½, 2½, 2½, 3, 3, 3½, 4 and 4 inches; weight per roll 55 lbs. Per roll.....\$ 8.04

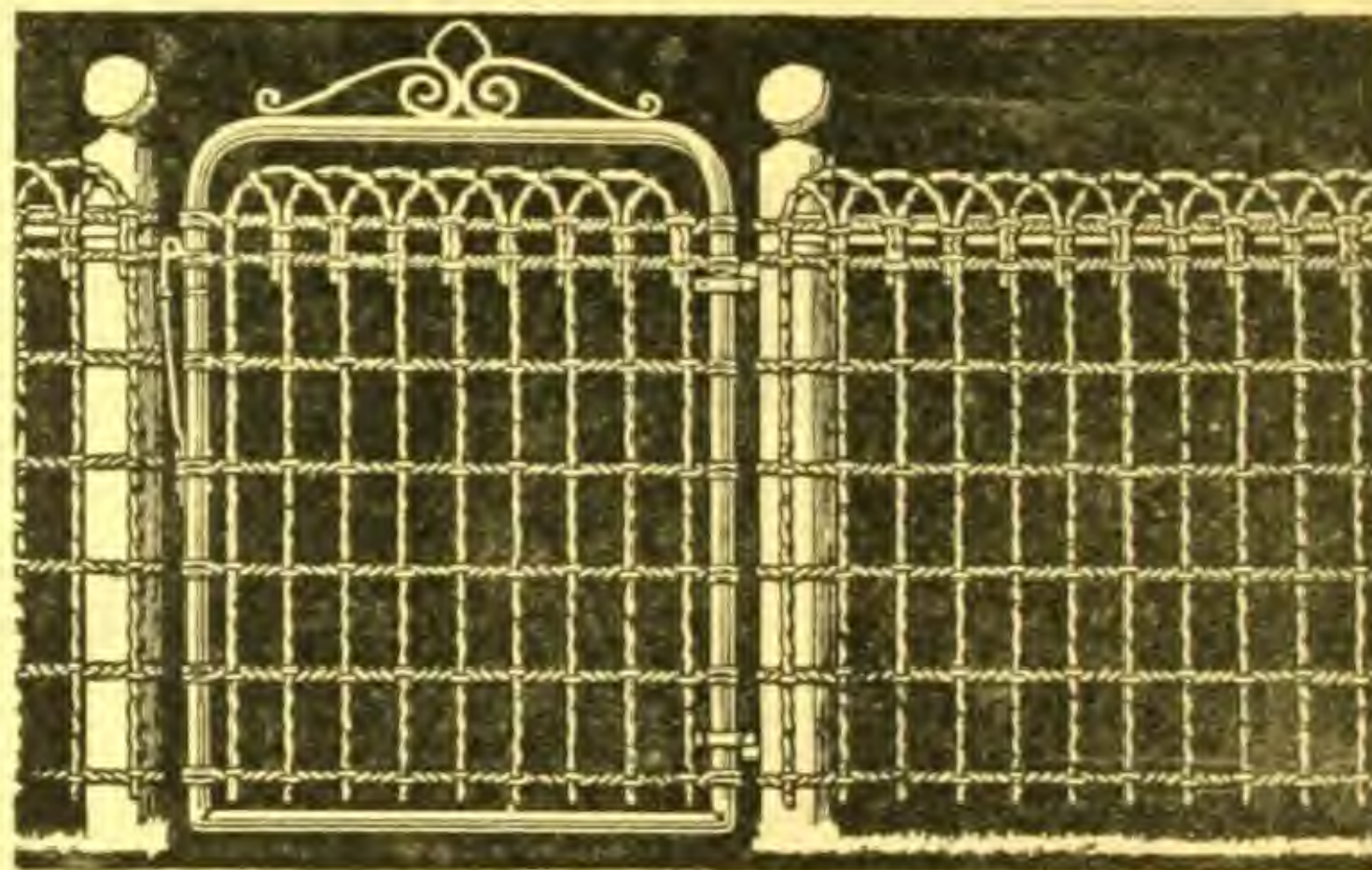
No. 1536—Fifteen strand; height 36 inches; spaced 1, 1, 1, 1½, 1½, 2, 2½, 2½, 2½, 3, 3, 3½, 4, 4, 4½ and 4½ inches; weight per roll 60 lbs. Per roll.....\$ 8.74

No. 1848—Eighteen strand; height 48 inches; spaced 1, 1, 1, 1½, 1½, 2, 2½, 2½, 2½, 3, 3, 3½, 4, 4, 4, 4½ and 4½ inches; weight per roll 67½ lbs. Per roll.....\$ 9.76

No. 2060—Twenty strand; height 60 inches; spaced 1, 1, 1, 1½, 1½, 2, 2½, 2½, 2½, 3, 3, 3½, 4, 4, 4, 4½, 5, 5½ and 6 inches; weight per roll 76 lbs. Per roll.....\$10.96

10 rods in a roll.

## LAWN FENCING



**DOMINION Lawn Fencing** is made from high grade galvanized wire; the uprights being number 9 and the horizontal wires two strands of number 13 twisted; the upright wires are looped at the top as shown in cut and are crimped which gives a very fine appearance when constructed. Supplied in plain galvanized or painted white or green over the galvanizing as desired.

Height, inches.....	36	42	48
Spacing of uprights, inches.....	3	3	3
Spacing of lineal wires, inches.....	6	6	6
Weight per roll, lbs.....	245	290	335
Galvanized, per foot.....	22½¢	24½¢	27½¢
Painted.....	add 2c. per foot to above		

165 feet in a roll.

**ORNAMENTAL GATES** for lawn-fencing as shown above can also be supplied either galvanized or painted to match the fencing in the following sizes:

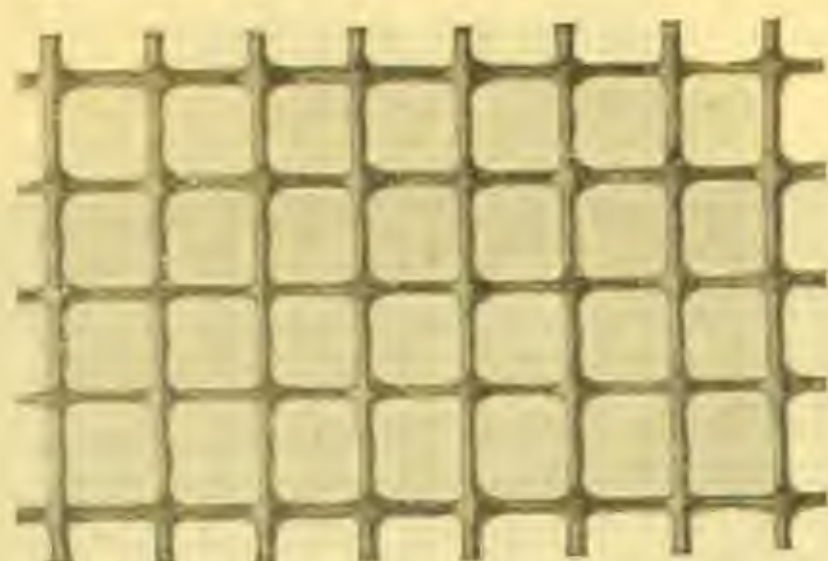
Height, inches.....	36	42	36	42
Opening, feet.....	3	3	3½	3½
Weight, each, lbs.....	18	20	21	23
Each.....	\$6.20	6.40	6.80	7.10

Open stock.



## Wire Cloth

## REGALVANIZED WIRE CLOTH

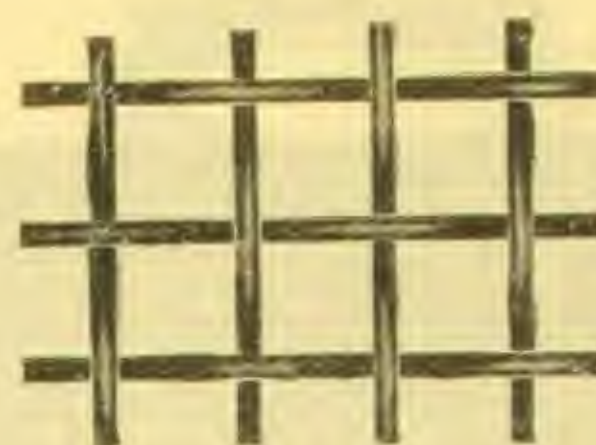


Steel Wire Regalvanized; square mesh; each intersection thoroughly soldered;  
rolls 24, 30, 36 and 48 inches wide.

Mesh per inch	2	2½	3	4	6	8
Wire gauge	18	19	20	22	24	26
Per 100 square feet	\$15.00	15.50	15.50	17.00	17.50	23.50

50 lineal feet in a roll.

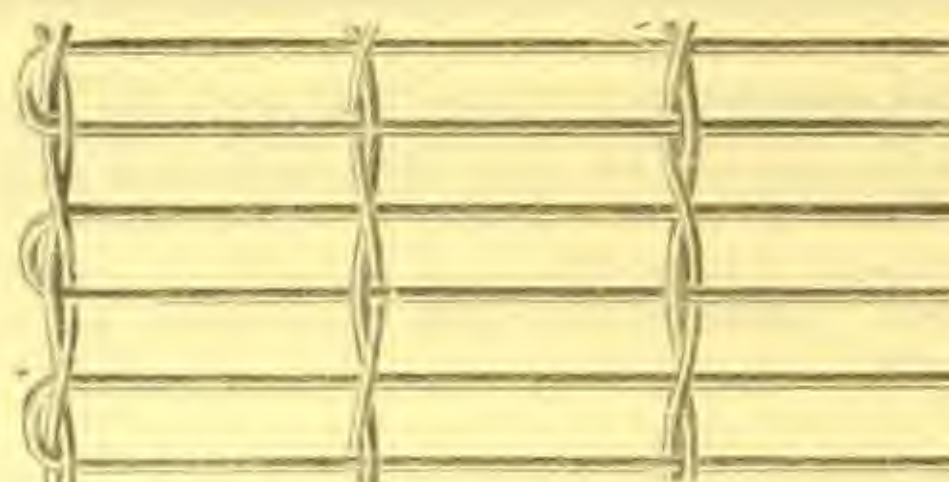
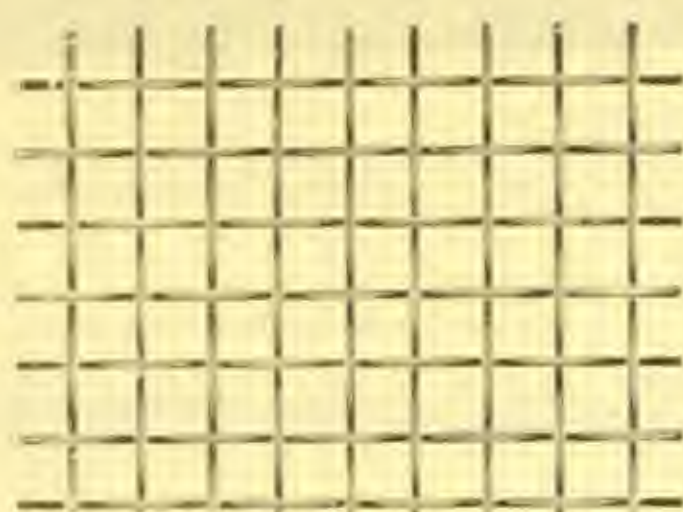
## SAND SCREEN



Steel Wire Japanned; square mesh; rolls 24, 30 and 36 inches wide.

Mesh per inch	2½	3	4
Wire gauge	17	18	19
Per lineal yard, 24 inches wide	\$1.30	1.30	1.30
Per lineal yard, 30 inches wide	\$1.60	1.60	1.60
Per lineal yard, 36 inches wide	\$2.00	2.00	2.00

## FANNING MILL SCREEN



Steel wire; enamelled finish; square and oblong mesh; rolls 24 and 30 inches wide.

Mesh per inch	10 x 10	12 x 12	14 x 14	16 x 16	18 x 18	20 x 20	22 x 22	¼ x 5	¼ x 6
Wire gauge	27	28	30	31	32	34	35	21	22
For screening			Clover	Mustard	Alsike	Timothy	Timothy	Oats	Oats
Per 100 square feet	\$15.00	15.00	16.50	16.50	16.50	16.50	22.00	18.00	18.00

Square mesh 12 yards in a roll; oblong mesh 50 feet in a roll.

NOTE.—Sizes not listed supplied to order.

## Solder



Strictly Brand; in bars; forty-five parts tin, fifty-five parts lead; size of bar ½ x ¾ x 12½ inches. Weight of bar, about 1½ lbs. Per lb. \$

Commercial; specially prepared for domestic purposes; fine quality; very free flowing; cast in small light bars; 12 inches long; about 1½ bars to lb. Per lb. \$0.52

About 50 lbs. in box.

Wire Solder

Per lb. \$0.58

Kester Acid Core Wire Solder; for general soldering and heavy electrical work; the acid is contained in pockets within the solder and requires only heat when using; diameter ¼ inch; 30 feet to the pound. Per pound.

\$1.30

Kester Rosin Core Wire Solder; for delicate electric work, radio, etc.; contains rosin compound and like the acid Core is speedy and clean to use.

\$1.30

One pound on a spool.

## Babbitt Metal



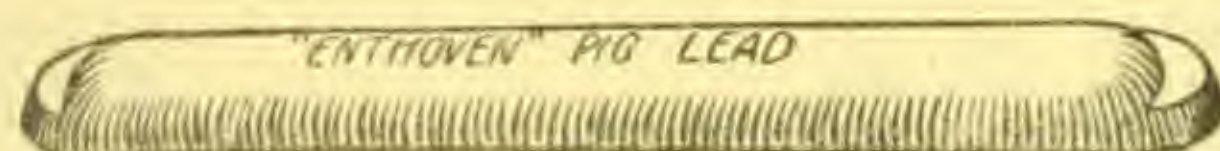
COPPERINE—A non fibrous anti friction metal of high quality, in bars 1½ inches long; weight per bar, 9 lbs; weight per box, 65 lbs. Four grades as below:

Tough—For heavy duty bearings	Per lb.	\$1.00
Finest—For high speed bearings	Per lb.	\$0.80
No. 2—For all ordinary bearings	Per lb.	\$0.60

MOUNT ROYAL—A fine white metal, suitable for all ordinary purposes where very high speed or heavy pressure is not encountered. In double bars, 10½ inches long and containing 5½ lbs. Weight per box about 50 lbs. Per lb. \$0.34

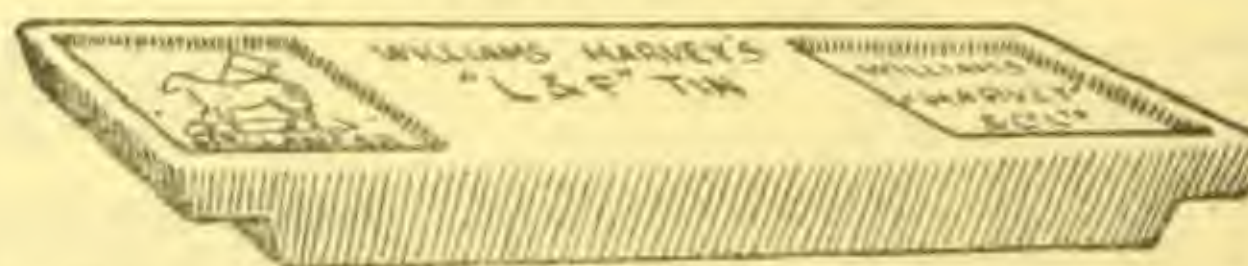
Harris Heavy Pressure; excellent metal for high grade machinery work; anti-friction; easy to handle; malleable; tough and durable; runs cool on high speed machinery bearings; cast in round ingot to fit ladle. Weight each, 4 lbs.; weight per box, about 50 lbs. Per lb. \$0.60

## Pig Lead



High Grade Pig Lead; in pigs or bars about 100 lbs. Per lb.

## Block Tin



Finest Grade Block Tin; in solid blocks or bars of about 100 lbs. Per lb.





## Sheet Metal

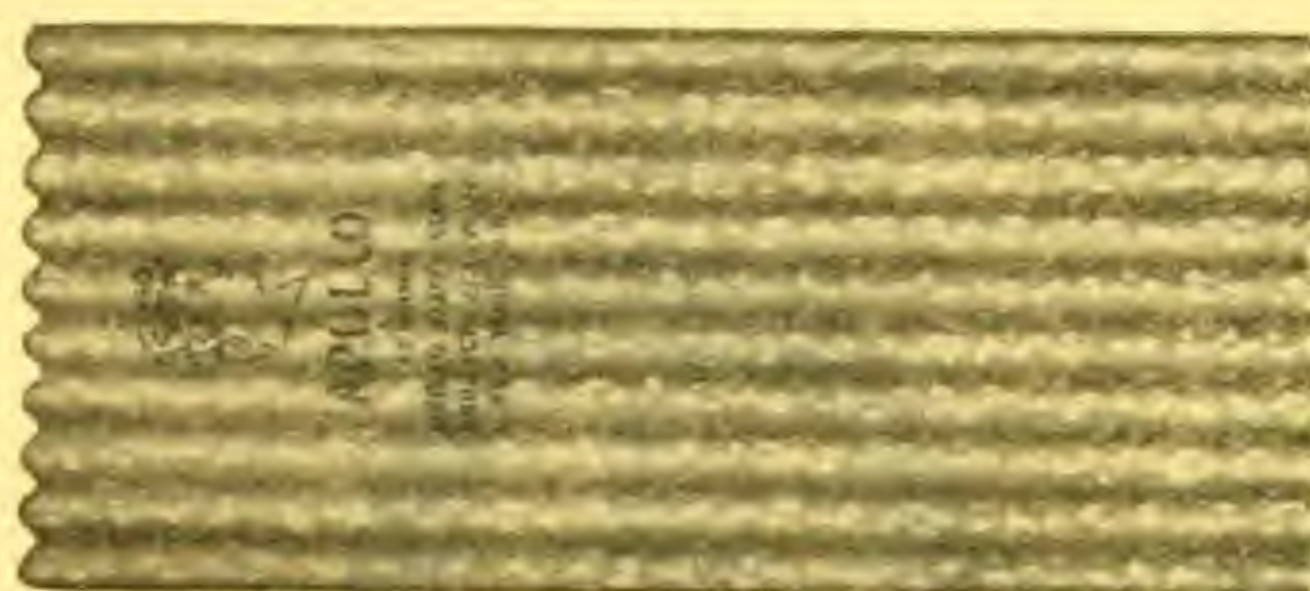
We are large importers of the well known brands of Galvanized sheets: "Queen's Head," and "Fleur de Lis"; each famous for their uniform weight even galvanizing and easy working qualities:

Gauge Numbers.....	14	16	18	20	22	24	26	28	10 1/2
Weight per square ft. lbs.	3.28	2.66	2.16	1.66	1.41	1.16	.91	.76	.66
Sheets in bundle.....	2	3	4	5	6	7	8	10	11
App. wght. per bundle, lb	132	159	172	165	140	161	144	160	143
Queen's Head, p. 100 lb. \$									
Fleur de Lis, per 100 lbs \$									

Note—We carry in stock all the ordinary sized sheets in the various gauges and can supply special sizes promptly.



### CORRUGATED PLATES



Corrugated Sheets; Galvanized; No. 26 and 28 Gauge; 33 inches wide.

Length of sheet, feet.....	6	8	10
Area of sheet, sq. feet.....	16 1/2	22	27 1/2
Weight per sheet, 26 gauge, lbs.	17 1/2	21 1/2	27 1/2
Weight per sheet, 28 gauge, lbs.	14	18 1/2	23 1/2
Per 100 sq feet, 26 gauge (all sizes).....	\$		
Per 100 sq. feet, 28 gauge (all sizes).....	\$		

### PLAIN SHEETS



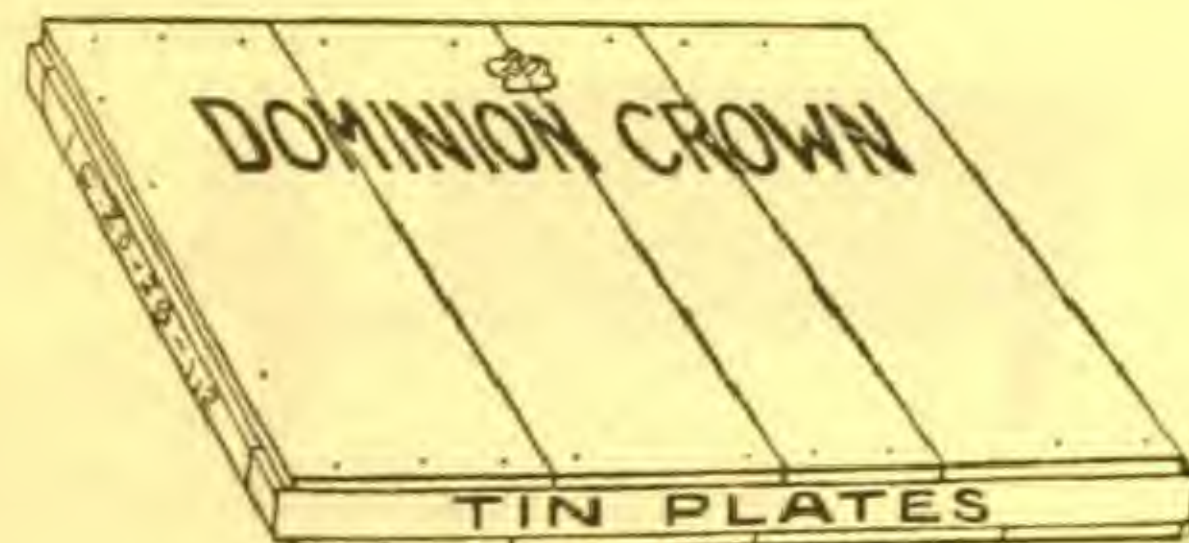
Black Iron Sheets; English Make; Uniform quality.

Sizes carried in stock.....	30 x 72	30 x 96	36 x 72	36 x 84	36 x 96
Gauge numbers.....	20	22	24	26	28
App. weight per sq. feet, lbs.....	1 1/2	1 1/4	1	3/4	5/8
Sheets in bundle.....	5	6	7	10	12
Per 100 lbs.....	\$				

Tinned Iron Sheets; English Make; even quality; sizes carried in stock; 30 x 45

Sizes carried in stock.....	30 x 50	30 x 54	30 x 58	36 x 96	48 x 96
Gauge numbers.....	20	22	24		
Approx. weight per sq. feet, lbs.....	1 1/2	1 1/4	1		
Per 100 lbs.....	\$				

### TIN PLATES



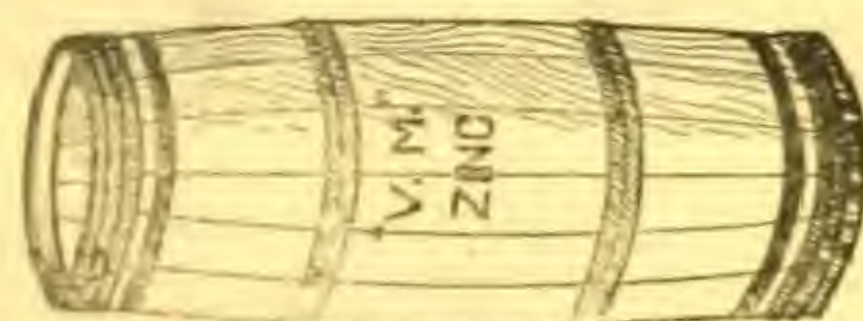
Number.....	IC	IC	IC	IX	IX	IX
Size of sheet, inches.....	20 x 28	20 x 33	20 x 39	20 x 28	20 x 33	20 x 39
Sheets in box.....	112	112	56	112	112	56
Weight per box, lbs.....	216	236	139	172	320	189
Per box.....	\$					
Number.....	IXX	IXX	IXX			
Size of sheet, inches.....	20 x 28	20 x 33	20 x 39			
Sheets in box.....	112	112	56			
Weight per box, lbs.....	310	365	220			
Per box.....	\$					

### CANADA PLATES



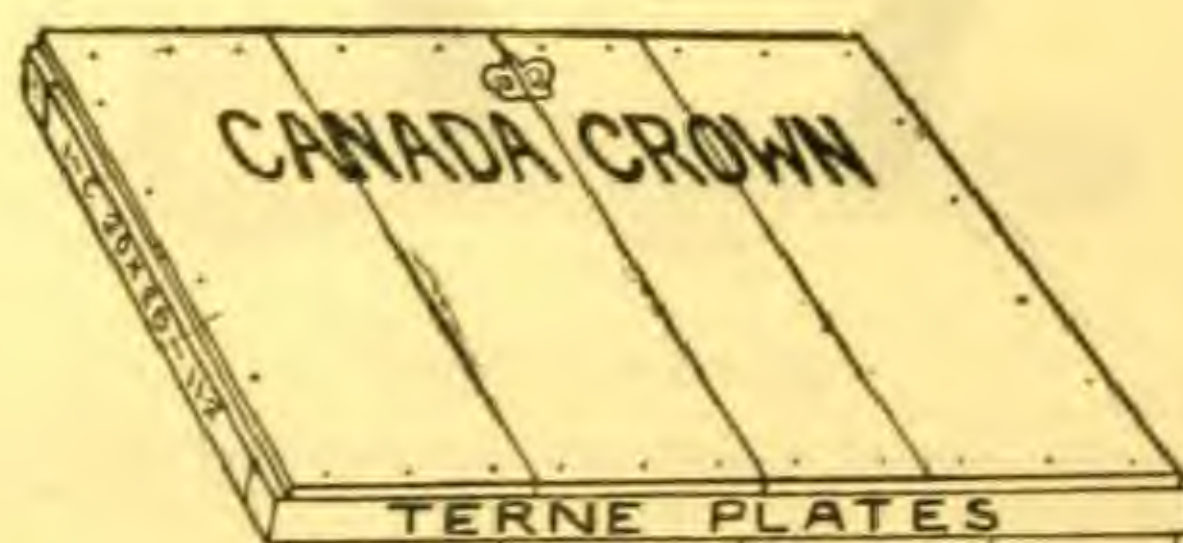
Finish.....	Black	Black	Black	Polished	Polished	Polished
Size of sheets, inches.....	18 x 24	18 x 24	18 x 24	18 x 24	18 x 24	18 x 24
Sheets in case.....	52	60	75	52	60	75
Weight per case, lbs.....	112	112	112	112	112	112
Per case.....	\$					

### SHEET ZINC



No. 9—26 Gauge; 36 x 96 inches; weight per sheet 13 1/2 lbs. Per lb..... \$

### TERNE PLATES



IC—Zinc Plates; 20 x 28 inches; 112 sheets in a box; weight per box, 216 lbs. Per box..... \$



## LIGHT IRON



## Horseshoes

Rolled from high grade double refined iron, and shaped to fit the hoof, smooth and uniform concave, creased and punched.

## LIGHT IRON



	FRONT						
Numbers	0	1	2	3	4	5	6
Weight each, ozs.	12	14	17	20	25	32	42
Number in keg	133	112	91	77	64	50	37
Per keg	\$14.30						

	HIND						
Numbers	0	1	2	3	4	5	6
Weight each, ozs.	10	13	15	18	21	25	34
Number in keg	160	133	103	88	80	63	46
Per keg	\$14.30						

## ASSORTED (FRONT AND HIND)

Numbers	0	1	2	3	4	5	6	7
Per keg	\$14.30							

## STEEL SNOW



Made from best grade of welding steel, creased and punched, snow shoes have rounded inside edge to prevent snow balling on the foot. Light steel are regular square edge as shown in cut.

## LIGHT STEEL



	FRONT					
Numbers	2	3	4	5	6	
Weight each, ozs.	14	17	21	24	28	
Number in keg	114	94	76	65	57	
Per keg	\$14.30					

	HIND					
Numbers	2	3	4	5	6	
Weight each, ozs.	12	14	17	20	24	
Number in keg	133	114	94	80	66	
Per keg	\$14.30					

## ASSORTED (FRONT AND HIND)

Numbers	2	3	4	5	6
Per keg	\$14.30				

## TOEWEIGHT STEEL



Rolled from best quality welding steel, punched but not creased. Toe weight patterns are heavy on the toe to control the gait and prevent heel pounding; countersunk patterns are for driving purposes.

## COUNTERSUNK STEEL



	FRONT			
Numbers	1	2	3	4
Weight each, ozs.	12	14	17	21
Number in keg	133	112	92	76

Price on application

	FRONT				
Numbers	0	1	2	3	4
Weight each, ozs.	8	10	12	15	18
Number in keg	188	160	128	107	89
Per keg	\$18.50				

	HIND				
Numbers	0	1	2	3	4
Weight each, ozs.	7	8	10	12	14
Number in keg	213	188	160	133	114
Per keg	\$18.50				

All above in 100 lb. kegs.



## Neverslip Horse Shoes



Iron in Three Styles—"Drilled"; "Drilled and Tapped" (for Screw Calks); "Calked"  
Assorted Fronts and Hinds.

Sizes	1	2	3	4	5	6	7
Size of calk	$\frac{3}{8}$	$\frac{7}{16}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	$\frac{15}{16}$
Calked, per set of four	\$ 2.80	2.55	3.30	3.70	4.40	4.70	5.20
Drilled, per keg	\$27.00			26.00			
Drilled and Tapped, Per keg	\$31.00			30.00			

100 lbs. in keg, drilled or tapped; 5 sets in box, calked

STEEL in Three Styles—"Drilled"; "Drilled and Tapped" (for screw calks)  
"Calked". Assorted Fronts and Hind.

Sizes	1	2	3	4	5	6	7
Size of calk	$\frac{3}{8}$	$\frac{7}{16}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	$\frac{15}{16}$
Calked, per pair	\$ 1.70	1.80	2.00	2.20	2.40	2.60	2.90
Drilled, per keg	\$33.50			30.00			
Drilled and Tapped, per keg	\$38.00			34.50			

100 lbs. in keg drilled or tapped, 5 sets in box calked

Steel—Punched for Drive Calks, but not calked.

Sizes	2	3	4	5	6	7	8
Size of calk	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	$\frac{15}{16}$	$\frac{1}{2}$	$\frac{3}{4}$
Per keg	\$32.00						

100 lbs. in keg

## Toe Calks

### NEVERSLIP SCREW



No. 4—Neverslip; sharp point grips at all times; self-sharpening, with center of high carbon steel and outer covering of softer metal; square base; ordinary wrench used if desired

Size, inches	$\frac{1}{2}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{3}{4}$	$\frac{1}{2}$	$\frac{3}{4}$
For horse weighing, lbs.	Racing	750	750-950	950-1100	1100	1100 up
Weight per 100, lbs.	$\frac{1}{2}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{3}{4}$	$\frac{1}{2}$	$\frac{3}{4}$
Per 100	\$6.20	6.20	6.60	6.60	7.00	7.00

### STANDARD



Standard Calks are forged from special grade toe calk steel with tip at end  
Easy to weld, and of good wearing quality

Number	0	1	2	3	4	5	6
Length, inches	$1\frac{1}{2}$	$1\frac{1}{2}$	$1\frac{1}{2}$	$2$	$2\frac{1}{4}$	$2\frac{1}{2}$	$2\frac{3}{4}$
Size, steel, inches	$\frac{3}{8} \times \frac{1}{2}$	$\frac{1}{2} \times \frac{1}{2}$	$\frac{5}{8} \times \frac{3}{4}$	$\frac{3}{4} \times \frac{1}{2}$	$\frac{3}{4} \times \frac{1}{2}$	$\frac{3}{4} \times \frac{1}{2}$	$\frac{7}{8} \times \frac{1}{2}$
Number in pound	20	16	10	8	6	5	4
Blunt, per box	\$4.70						
Sharp, per box	\$4.70						

25 pounds in a box

### NEVERSLIP DRIVE



Neverslip Sharp Pattern; accurately machined from special steel; particularly adapted to use on smooth asphalt or wet streets; enable horse to keep his feet when other calks fail

Size, inches	$\frac{1}{2}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{3}{4}$	oversize
For horse weighing, lbs.	950-1100	1100	1100 up		$\frac{1}{2}$
Weight per box, lbs.	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{3}{4}$		$\frac{1}{2}$
Per 100	\$5.40	5.80	5.80		5.80

### SWEETS



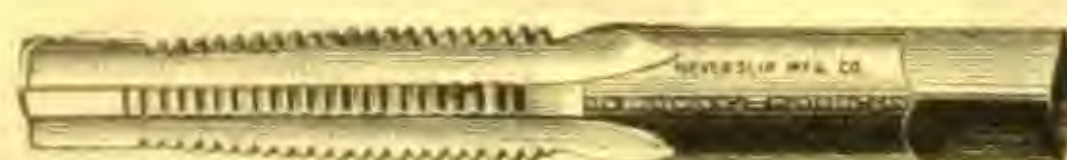
Sweet's Toe Calks, forged steel, easy to weld, of correct graded sizes for all shoes, center nib does not weaken the shoe

Number	0	1	2	3	4	5	6
Length, inches	$1\frac{1}{2}$	$1\frac{1}{2}$	$1\frac{1}{2}$	$2$	$2\frac{1}{4}$	$2\frac{1}{2}$	$2\frac{3}{4}$
Size, steel, inches	$\frac{3}{8} \times \frac{1}{2}$	$\frac{1}{2} \times \frac{1}{2}$	$\frac{5}{8} \times \frac{3}{4}$	$\frac{3}{4} \times \frac{1}{2}$	$\frac{3}{4} \times \frac{1}{2}$	$\frac{3}{4} \times \frac{1}{2}$	$\frac{7}{8} \times \frac{1}{2}$
Number in pound	18	14	8	5	4	3	3
Blunt, per box	\$5.70	5.70			5.20		
Sharp, per box	\$6.30	6.30			5.80		

Note.—The size of steel given in the above schedule represents the size of blunt calks. Sharp calks are therefore wider at the base and higher than shown in listing

## Neverslip Tools

### HAND TAPS



### FOR SCREW CALKS

No. 8—For Cutting Threads in calk hole by hand, with ordinary tap wrench  
No other tap can be used with Neverslip Calks

Size, inches	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	$1\frac{1}{2}$	$\frac{3}{4}$	$\frac{5}{8}$
Threads per inch	20	18	16	14	12	12
Length, inches	$2\frac{3}{4}$	3	$3\frac{1}{4}$	$3\frac{1}{2}$	$3\frac{3}{4}$	4
Weight, each, ozs.	1	2	2	3	4	4
Each	\$0.80	0.90	1.00	1.10	1.20	1.40

One in package

### REGULAR WRENCHES



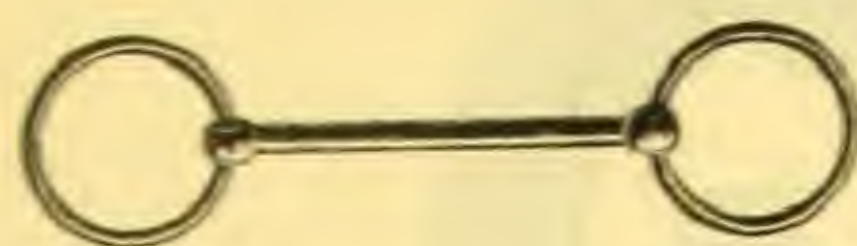
### REGULAR WRENCHES

No. 11—Neverslip Regular; especially for adjusting Neverslip Calks; inserts and removes all sizes quickly and easily; length, 9 inches Weight each,  $\frac{3}{4}$  lb

Each \$1.60



## Horse Bits



No. 37—Stiff mouth piece; X.C. plate; size of rings 2 1/2 inches. Weight per dozen, 5 lbs.  
Per dozen \$2.60

No. 47—Stiff Mouth Piece; X.C. Plate; size of ring 2 1/4 inches. Weight per dozen, 7 lbs.  
Per dozen \$2.90

No. 500—Half Cheek; Stiff Mouth; X.C. Plate; 2 inch ring; 3 inch cheek; weight per dozen, 7 lbs.  
Per dozen \$6.50

One dozen in box.



No. 137—Jointed Mouth Piece; X.C. Plate; size of ring 2 1/2 inches; weight per dozen 5 lbs.  
Per dozen \$3.20

No. 147—Jointed Mouthpiece; X.C. Plate; size of ring 2 1/4 inches. Weight per dozen, 7 lbs.  
Per dozen \$3.60

No. 501—Half Cheek; Jointed Mouthpiece; X.C. Plate; 2 inch ring; 3 inch cheek; weight per dozen, 7 lbs.  
Per dozen \$6.50

One dozen in box.



No. 865—Single Mouthpiece; twisted wire; jointed; X.C. plate; 2 1/4 inch ring; 3 inch cheek; weight per dozen, 5 lbs.  
Per dozen \$1.80

No. 866—Double Mouthpiece; twisted wire; jointed; X.C. Plate; 2 1/4 inch ring; 3 inch cheek; weight per dozen 6 lbs.  
Per dozen \$6.00

One dozen in box.



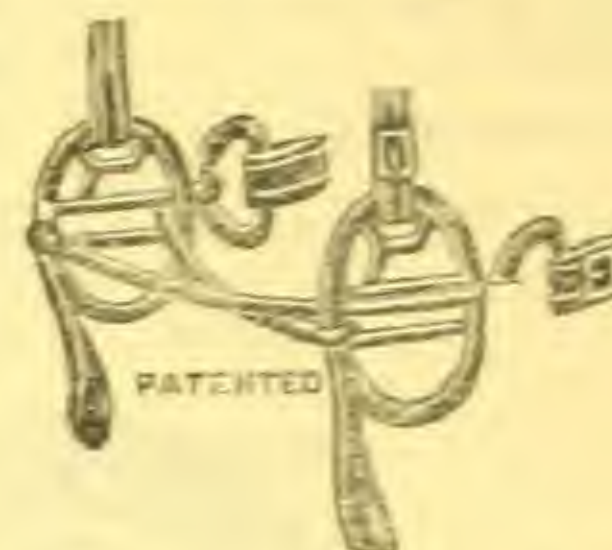
No. 1—Over Cheek Bit; Stiff Mouth Piece; X.C. Plate; steel rings; size of rings 1 1/4 inches; length of mouth piece 5 inches; weight per dozen 3 1/2 lbs.  
Per dozen \$1.80

Two dozen in box.



No. 300—Flexible Rubber Mouthpiece; welded anti-rust chain with moulded rubber covering. 3 inch cheek piece; 2 inch ring; nickel plated; weight per dozen 8 1/2 lbs.  
Per dozen \$11.20

Half dozen in box.



J.I.C.—X.C. Plate; Double Steel Wire Mouth; Malleable Iron Cheeks; Loose Rings; 5 inch mouth, 1 1/4 inch rings; 4 1/4 inch cheek; 7/8 inch cheek loop. Weight per dozen, 10 lbs.  
Per dozen \$12.00

Half dozen in box.

## BIT



No. 452—Coleman; bronzed finish; length 2 1/4 inches; weight per gross 10 1/2 lbs.  
Per gross \$11.20

Half gross in box.

## ROUND EYE



No. 422—Champion; X.C. Plate; non-corrosive springs; length 2 1/4 inches.  
For Strap, inches 5/8 3/4  
Weight per gross, lbs. 8 1/2 10  
Per gross \$9.00 9.00

Half gross in box.

## ROUND EYE



No. 431—Klondike; bronzed finish; flat steel spring.  
For Rope, inches 5/8 3/4  
Weight per gross, lbs. 10 16  
Per gross \$12.50 15.90

Half gross in box.

## Snaps

## BIT



No. 421—Empire; X.C. Plate; non-corrosive spring length 2 1/4 inches; weight per gross 8 1/2 lbs.  
Per gross \$12.30

Half gross in box.

## SQUARE EYE



No. 424—Champion; X.C. Plate; non-corrosive springs;  
For strap, inches 5/8 3/4 1 1/4 1 1/2  
Weight per gross, lbs. 8 9 10 11  
Per gross \$10.10 10.10 10.10 17.30  
For Strap, inches 1 1/2 1 3/4 2  
Weight per gross, lbs. 19 25 28  
Per gross \$18.40 21.20 24.00

Half gross in box.

## SQUARE EYE



No. 430—Klondike; bronzed finish; flat steel spring.  
For Strap, inches 5/8 3/4 1  
Weight per gross, lbs. 9 9 10  
Per gross \$9.10 9.10 9.10  
For strap, inches 1 1/2 1 3/4 2  
Weight per gross, lbs. 18 21  
Per gross \$15.90 20.80

Half gross in box.

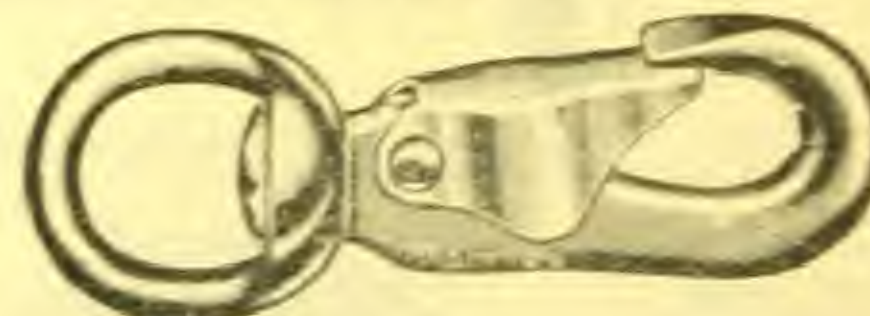
## BABY



No. 220—Square Eye Baby Snap; X.C. Plate; non-corrosive springs; for 1/2 inch strap. Weight per gross 4 lbs.  
Per gross \$6.50

One gross in box.

## ROUND EYE SWIVEL



No. 448—Buckeye; X.C. Plate; brass spiral springs; swivel pattern.  
For rope, inches 5/8 3/4 1 1/4 1 1/2  
Weight per gross, lbs. 20 22 24 26  
Per gross \$20.80 23.40

Half gross in box.

## SQUARE EYE



No. 444—Buckeye; X.C. Plate; brass spiral spring square eye.  
For strap, inches 5/8 3/4 1  
Weight per gross, lbs. 12 14 16  
Per gross \$13.60 13.60 13.60  
For strap, inches 1 1/2 1 3/4 2  
Weight per gross, lbs. 26 26 26 38  
Per gross \$20.50 24.20 28.00 32.50

Half gross in box.



## Snaps

### BREAST SNAP



No. 439—Roller Breast Snap; heavy patterns; X.C. plate; durable spring; length 4 3/4 inches.

For strap, inches	1 1/2	1 3/4	2
Weight per dozen, lbs.	6 1/2	7 1/2	8
Per dozen	\$5.80	6.00	6.50

One dozen in box.

### BREAST SNAP

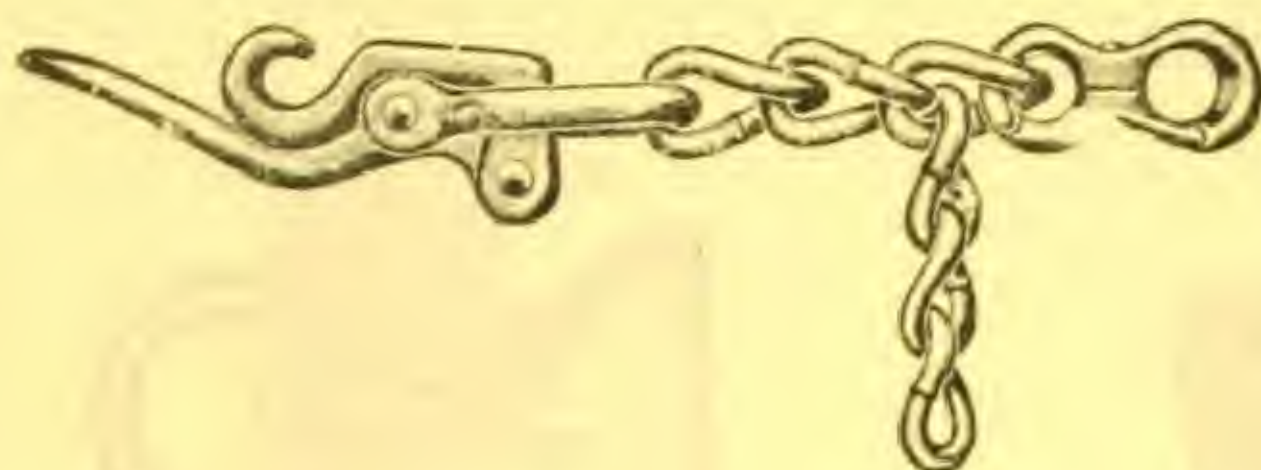


No. 442—Roller Breast Snap with Side Loop; X.C. Plate; pressed steel tongue; brass spiral spring.

For strap, inches	1 1/2	2
Weight per dozen, lbs.	10	11
Per dozen pairs	\$16.00	18.00

One dozen in box.

### HAME FASTENERS



Kling Hame Fasteners; malleable iron; tinned finish; automatic lock; easy to operate; can be used on wood or steel hame. Weight per dozen, 5 lbs.

Per dozen \$7.30

One dozen in box.

### SHAFT COUPLINGS



No. 1045—Forged steel; complete with bolts, eyes, etc.

Size, inches	0	1	3	4
Width of eye, inches	1 1/4	1 1/2	1 3/4	1 1/2
Size of bolt, inches	3/8	3/8	3/8	3/8
Size of shank, inches	3/8	3/8	3/8	3/8
Length of clip, inches	3	3	3 1/2	4 1/2
Weight per dozen pairs, lbs.	20	26	33	36
Per set	\$1.80	1.80	2.70	3.20

Six pairs in box.

### SHAFT SPLICERS



Socket Shaft End Splices; pressed steel; enamelled finish; nickel tip; weight per dozen pairs, 36 lbs.

Per dozen pairs \$18.00

Open Stock.

### FELLOE PLATES



No. 1043—Wrought Steel; Bright Finish.

Width, inches	7/8	1	1 1/4	1 1/4	1 1/2
Length, inches	3	3 1/2	3 3/4	4	4 1/2
Size of hole, inches	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2
Number per lb.	19	15	13	11	9
Per pound	\$0.35	0.35	0.35	0.35	0.35

Five pounds in box.

### CLIP YOKES



No. 1038—Wrought Iron; for square axles.

Size, number	B	D	F	G
Size of holes, inches	3/8	3/8	3/8	3/8
Size of axle, inches	1 1/2	1 1/2	1 1/2	1 1/2
Number in pound	14	12	11	10
Per pound	\$0.34	0.34	0.34	0.34

Ten pounds in box.

### AXLE CLIPS



No. 1001—Wrought Iron; straight edge pattern; with nuts;

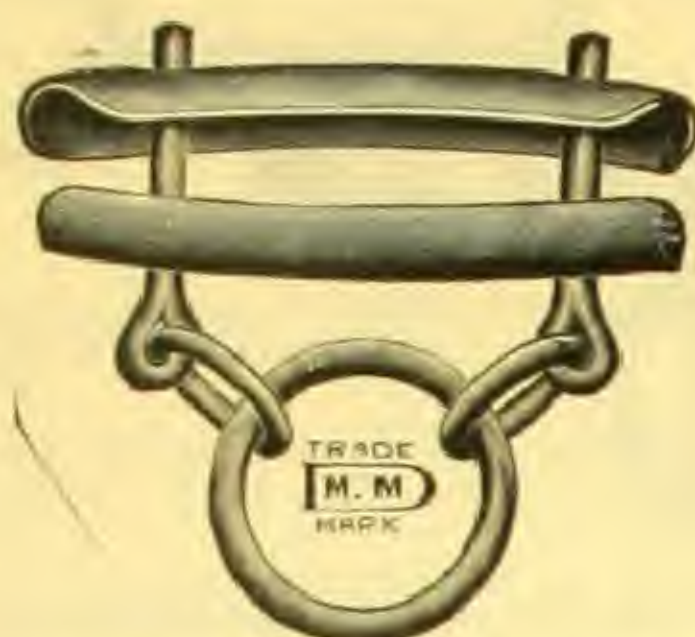
Length of flat, inches	2 1/4	2 1/2	2 3/4	3	3 1/4	3 1/2	3 3/4	4	4 1/2	5	5 1/2	6
Width of flat, inches	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
Size of shank, inches	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8
Weight per dozen, lbs.	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4
Per dozen	\$1.40	1.40	1.40	1.40	1.40	1.50	1.60	1.70	1.80	2.00	2.20	2.40

Fifty in box.



## Neckyoke Irons

CENTER

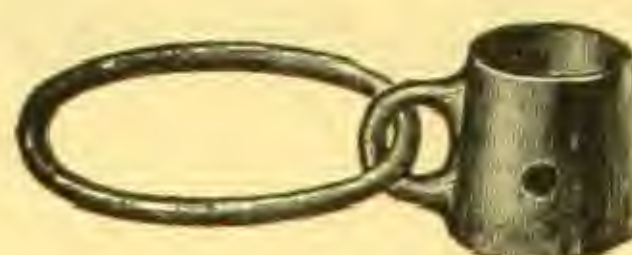


No. 3600—Forged Steel; welded eyes; electric welded rings.

Size, letters	B	C
Size of rings, inches	5 1/2 x 5 1/2	3 1/2 x 3 1/2
Size of links, inches	1 1/2	1 1/2
Size of eyes, inches	1 1/2	1 1/2
Weight per dozen, lbs.	27	24
Per dozen	\$9 90	8 60

Open Stock.

END FERRULES



No. 3605—Back Pull; Malleable Ferrule; Steel

Ring:	D	E
Size, letters		
Size of ring, inches	3 x 3 1/2	3 x 3 1/2
Size of ferrule, large end, inches	1 1/2	1 1/2
Size of ferrule, small end, inches	1 1/2	1 1/2
Weight per dozen, lbs.	9	10
Per dozen	\$4 10	5 30

No. 3610—Front Pull; Malleable Ferrule; Steel

Ring:	E
Size, letter	
Size of ring, inches	2 x 3 1/2
Size of ferrule, large end, inches	1 1/2
Size of ferrule, small end, inches	1 1/2
Weight per dozen, lbs.	10
Per dozen	\$6 20

Open Stock.

TWIN CLEVISE



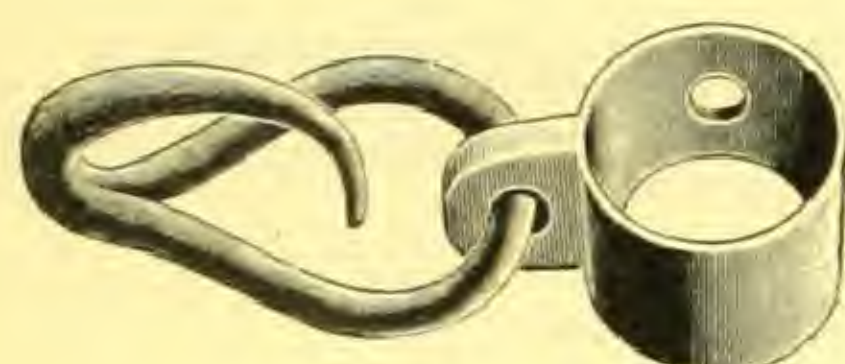
No. 285—Malleable; Round Eye Bolt Threaded at Lower End; width inside 1/4 inch; length inside 2 1/2 inches. For attaching twin neckyokes to end irons of large neckyoke. Weight per dozen 2 1/2 lbs. Per dozen

\$2 40

Open Stock.

## Whiffletree Irons

STRAIGHT PULL



No. 3555—Whiffletree; Straight Pull; Malleable Iron Ferrules; Steel Hooks.

Sizes	D	E
Small end, diameter ferrule, inches	1 1/2	1 3/4
Large end, diameter ferrule, inches	1 5/8	1 7/8
Size hook, inches	1 1/2	1 1/2
Weight per dozen, lbs.	10	11
Per dozen	\$5 40	6 70

Open Stock.

BACK PULL



No. 3550—Whiffletree; Back Pull Malleable Iron Ferrule; Steel Hooks.

Sizes	D	E
Small end, diameter ferrule, inches	1 1/2	1 3/4
Large end, diameter ferrule, inches	1 5/8	1 7/8
Size hook, inches	1 1/2	1 1/2
Weight per dozen, lbs.	10	11
Per dozen	\$4 60	5 30

Open Stock.

CENTER CLIPS



No. 3520—Singletree Clips; Welded; with Rings.

Sizes	B
Size of clip, inches	5 1/2
Size of ring, inches	5 1/2
Weight per dozen, lbs.	15
Per dozen	\$5 50

Open Stock.

PLOW CLEVISES

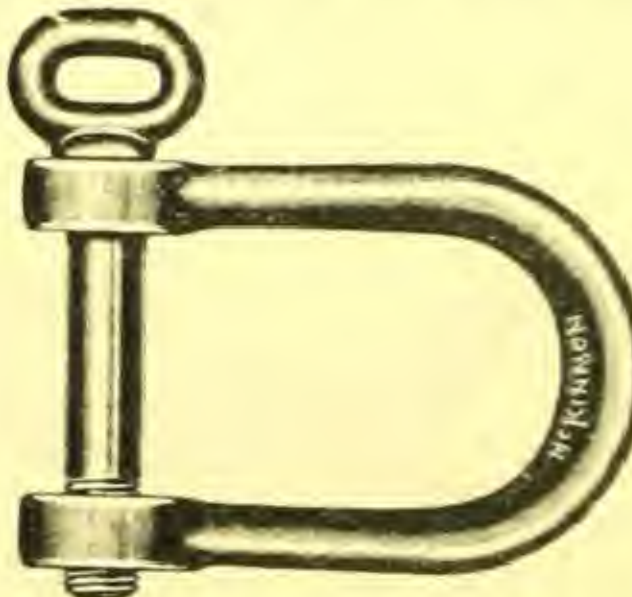


Malleable Iron; Screw Pin.

Number	2808A	2808B
Style	straight	twisted
Weight per dozen, lbs.	10	8
Per pound	\$0 40	0 40

Open Stock.

MALLEABLE CLEVISES



Malleable Iron; Oval Band; Screw Pin with eye.

Number	395	430
Length, inches	4 1/2	6
Width, inches	2	2 1/2
Weight per dozen, lbs.	12	18
Per pound	\$0 30	0 30

Open Stock.

BREAST SLIDES



No. 403—Malleable Iron; medium weight; japanned finish.

Size, inches	1 1/2	1 3/4	2
Weight per dozen, lbs.	4 1/2	5	5 1/2
Per dozen	\$2 30	3 20	4 70

One dozen in box.

ROLLER BUCKLES



No. 50—Japanned; barrel roller.

Size, inches	3/4	1	1 1/4
Weight per gross, lbs.	4	6 1/4	9 1/2
Per gross	\$2 80	3 40	5 50
Size, inches	1 1/2	1 3/4	2
Weight per gross, lbs.	12	14	18
Per gross	\$6 50	8 20	9 20

Half gross in box.

SWIVELS

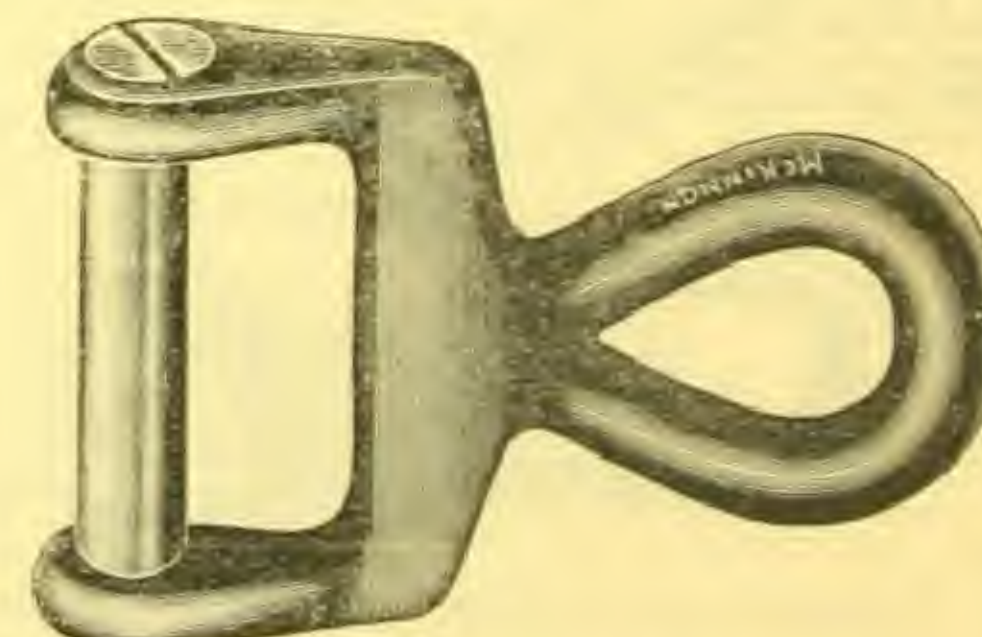


Malleable Iron; Bright Finish.

Number	4	5	6
Length, inches	2 1/2	3 1/4	3 1/4
Eye, inches	1 1/2	1 1/2	1 1/2
Stock, inches	1 1/2	1 1/2	1 1/2
Weight per dozen, lbs.	2	2 1/2	3 1/2
Per dozen	\$1 00	1 20	2 00

One dozen in box.

COCKEYES



No. 465—Malleable Cockeye; Screw Pin with Roller; Japanned.

Size, inches	1 1/2	1 3/4	2
Weight per dozen, lbs.	2	2 1/2	3
Per dozen	\$1 80	2 20	2 70

Two dozen in box.



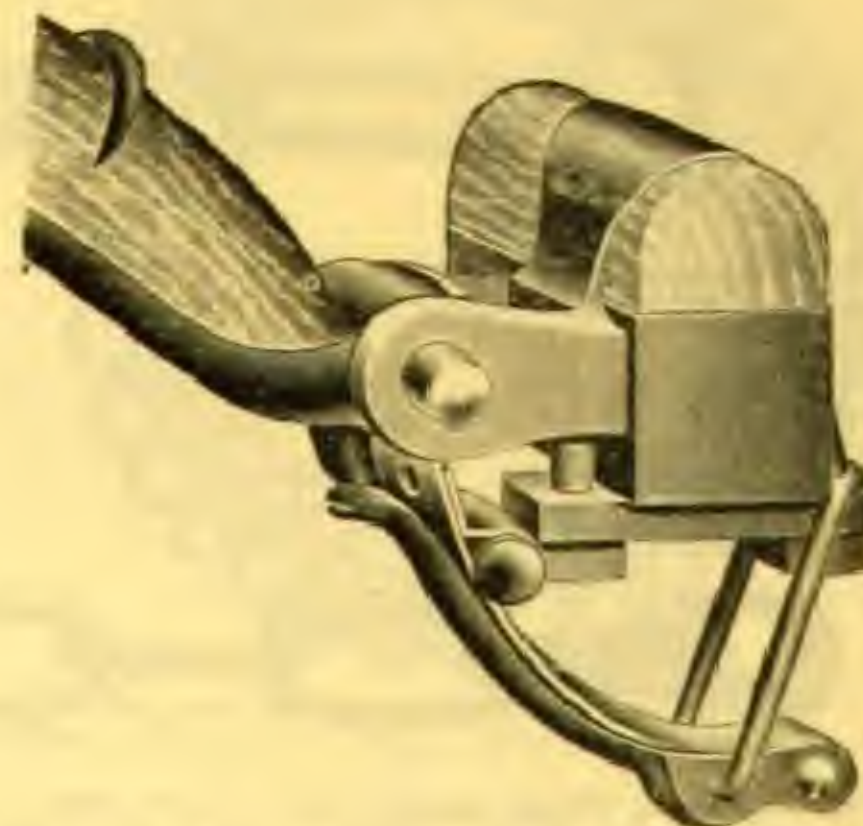
## Anti Rattlers



**Gem Wire Anti Rattlers;** best quality steel spring wire, 11 gauge; tempered and coppered finish. Weight per dozen pairs, 1 1/4 lbs.  
Per dozen pair..... \$2.20  
Open Stock.



**No. 1901—Wire Anti Rattler;** made of best quality steel spring wire, properly tempered. The improved rib overcomes squeaking or wear. Japanned finish. Weight per dozen pairs, 4 lbs.  
Per dozen..... \$3.20  
One dozen pairs in box.



**Fernald Quick Shift;** acts as an anti rattler and shackle bolt; attachment is easily and quickly made; the flat steel spring is of good quality and the article throughout is of serviceable construction. Japanned finish.  
Size of Bolt..... 1/2 3/4 1 1 1/2  
Weight per dozen pairs, lbs..... 8 9 10 11  
Per dozen pairs..... \$10.00 10.00  
One dozen pairs in box.



**No. 2—Burton Anti Rattler;** made of high grade spring steel; tempered and tested, 1/2 inches wide, japanned finish. Weight per dozen pairs, 1 3/4 lbs.  
Per dozen pairs..... \$3.40  
One dozen pairs in box.



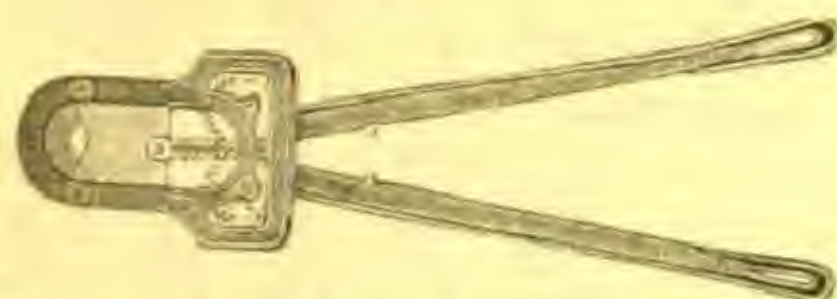
**No. 1—Burton Anti Rattler;** high grade 1/2 inch spring steel, tempered and tested. This design is constructed so as to prevent the shackle bolt working out so that a nut is not necessary; japanned finish. Weight per dozen pairs 2 1/4 lbs.  
Per dozen pairs..... \$3.50  
One dozen pairs in box.

## AXLE WASHERS



**Best Oak Tanned Leather;** coiled as shown in cut; each coil containing 20 washers; can be cut and adjusted to fit either nut or collar, five coils to the box.  
Diameter, inches..... 1/2 1 1 1/2 2  
Weight per box, ozs..... 7 8 10 11  
Per box..... \$0.46 0.50 0.54 0.60  
Five coils in box.

## DEHORNERS



**Leavitt "V" Blade Dehorners** is one of the most widely used dehorners in the market. It is all metal, has ample leverage and the "V" blade cuts all around the horn.  
No. 2—For medium to large size horns. Will also do small work. Opening 3 x 3 inches; length 3 feet; weight about 14 pounds. Each..... \$9.20  
No. 3—For large horns. Will also do the work of the No. 2 size. Opening 4 x 4 inches; length 3 feet 2 inches; weight about 15 pounds. Each..... \$11.50  
Open Stock.

## BULL SNAPS



**No. 500—Without Handle;** right for any length of handle; snap worked by chain attachment; animal is secured without danger; length 7 inches; size at large end 1 inch; 2-foot chain, ring, 3 screw eye. Weight per dozen, 10 lbs. Per dozen..... \$23.00  
Dozen in box.

## HOG SCRAPERS



**No. 8—Reversible;** 20 Gauge Sheet Steel; 4 inch diameter; hardwood handle. Weight per dozen, 5 1/2 lbs. Per dozen..... \$4.70  
Dozen in box.

## BULL RINGS



No. 21

No. 31

Made from drawn copper; polished finish; supplied with key as shown in cut.

Number	51	21	22	31
Material	Alum.	Copper	Copper	Copper
Style	Regular	Regular	Regular	Self-Piercing
Diameter, inches	2 1/2	2 1/2	2 1/2	3
Weight per doz, lbs.	1 1/2	2 1/4	2 1/4	2 1/2
Per dozen	\$6.60	6.60	7.40	8.00
One dozen in box.				

## HOG RINGERS



**No. 1—Adjustable;** closes all sizes of Hog Rings; malleable iron; japanned finish; length 6 1/4 inches. Weight per dozen, 6 lbs. Per dozen..... \$3.20  
Dozen in box.

## HOG RINGS



**Triangular; Coppered Steel Wire.**  
Numbers..... 1 2 3  
For..... Pig Shout Hog  
Weight per dozen boxes, lbs..... 1 1/2 5 1/4 6 1/2  
Per dozen boxes..... \$0.96 0.96 0.96  
100 in 1 ..

## CATTLE LEADERS



**No. 32—Malleable Iron;** Brass Spring; jaws spread by compressing spring; leader then slipped into nostrils; releasing spring causes jaws to grasp cartilage between nostrils. Weight per dozen, 5 lbs. Per dozen..... \$3.70  
Dozen in box.



## Chains

## HEEL CHAINS



No. 85—Electric Weld; screw and roller swivel D; size of chain  $\frac{3}{8}$  inch; size of links  $\frac{3}{8} \times 2\frac{1}{4}$  inches inside.

Size of D, inches	2	2½
Number of links	5	5
Weight per dozen, lbs.	12	12
Per dozen	\$6.40	7.20



No. 90—Electric Weld; handy snap; size of chain  $\frac{3}{8}$  inches; size of links  $\frac{3}{8} \times 2\frac{1}{4}$  inches inside; five links; weight per dozen 11½ lbs. Per dozen \$6.00

One dozen in package.

## STALL FIXTURES



Stamped Steel; one piece; length over all 16½ inches; weight per dozen 9½ lbs. Per dozen \$3.00

Open Stock.

## TRACE CHAINS



No. 6/0—Wire Pattern; Hook and swivel; length 6½ feet. Weight per pair, 6½ lbs. Per pair \$1.80

One pair in package.

## HALTER AND DOG CHAINS



Electric Weld; 4½ feet long; with swivel snap; ring and toggle.

Size, number	3	2	1	10	20	30
Wire gauge	13	12	11	10	9	8
Weight per dozen, lbs.	4½	6½	7½	9½	11	13½
Per dozen	\$3.50	3.80	4.00	4.50	5.00	5.90

Electric Weld; 6 feet long; with swivel snap ring and toggle.

Size, number	3	2	1
Wire gauge	13	12	11
Weight per dozen, lbs.	7	9	10½
Per dozen	\$4.50	4.80	5.40

One dozen in box.

## Cattle Chains



## Special Stall Fixture Pattern

Numbers	1	1-0	2-0	3-0	4-0
Wire Gauge	11	10	9	8	7
Weight per dozen, lbs.	10	11	12	14	17
Per dozen	\$4.60	5.60	6.10	7.10	8.40

Half dozen in box.

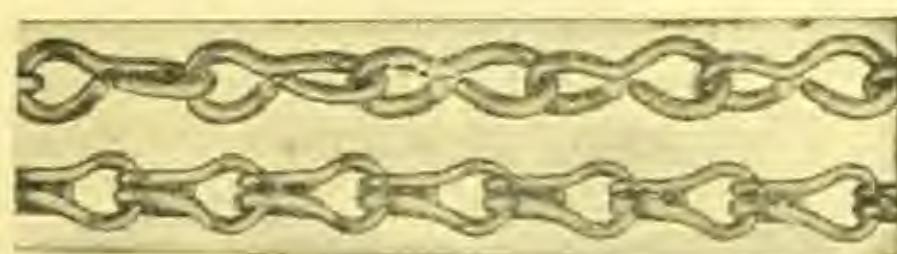


## Open Ring.

Numbers	1	1-0	2-0	3-0	4-0	5-0
Wire Gauge	11	10	9	8	7	6
Neck chain, inches	36	39	42	45	50	56
Weight per dozen, lbs.	14	16	17	19	23	26
Per dozen	\$6.10	7.40	8.20	8.90	11.20	14.30

Half dozen in box.

## JACK CHAIN



## Single; Steel

Numbers	8	10	12	14	16	18	20
Weight per dozen yards, lbs.	7½	5	3	2	1½	1	½
Per doz. yards	\$1.52	1.28	1.04	0.88	0.76	0.64	0.64

## Single; Brass

Numbers	10	12	14	16	18	20
Weight per doz. yds. lbs.	3½	2½	1½	1¼	1	½
Per dozen yards	\$5.69	3.68	2.56	1.69	1.12	0.88

## Double; Steel

Numbers	8	10	12	14	16	18	20
Weight per dozen yards, lbs.	11	7	5½	3	2	1½	1
Per doz. yards	\$1.84	1.52	1.16	0.96	0.84	0.76	0.72

## Double; Brass

Numbers	10	12	14	16	18	20
Weight per doz. yds. lbs.	6	5	2½	1¾	1¼	¾
Per dozen yards	\$7.60	5.12	3.28	2.12	1.44	1.16

Dozen yards in package

## CANADIAN COIL CHAIN



Electric Weld; Canadian Pattern coil Chain; in wood boxes containing 100 feet.

Size, numbers	3-0	2-0	1-0	1
Size, inches	1½	1¼	1¼	1¼
Links per foot	7	8	8½	9
Proof test, lbs.	1000	950	900	800
Weight per 100 ft., lbs.	31	30	25	22
Per 100 feet	\$10.70	10.20	9.60	8.70

Size Number	2	3	4	5
Size, inches	1½	1¼	1¼	1¼
Links per foot	9½	11	12½	14
Proof test, lbs.	700	600	450	300
Weight per 100 ft., lbs.	17	14½	12	9
Per 100 feet	\$8.30	8.00	8.00	8.00

100 feet in wood box.

## BREAST CHAINS



No. 220—Heavy Pattern XC Plate; Double Handy Snap and Heavy Slide Snap; No. 1 chain; length 28 inches. Weight per dozen 24 lbs. Per dozen \$33.60

Open Stock.



WHIP SOCKETS



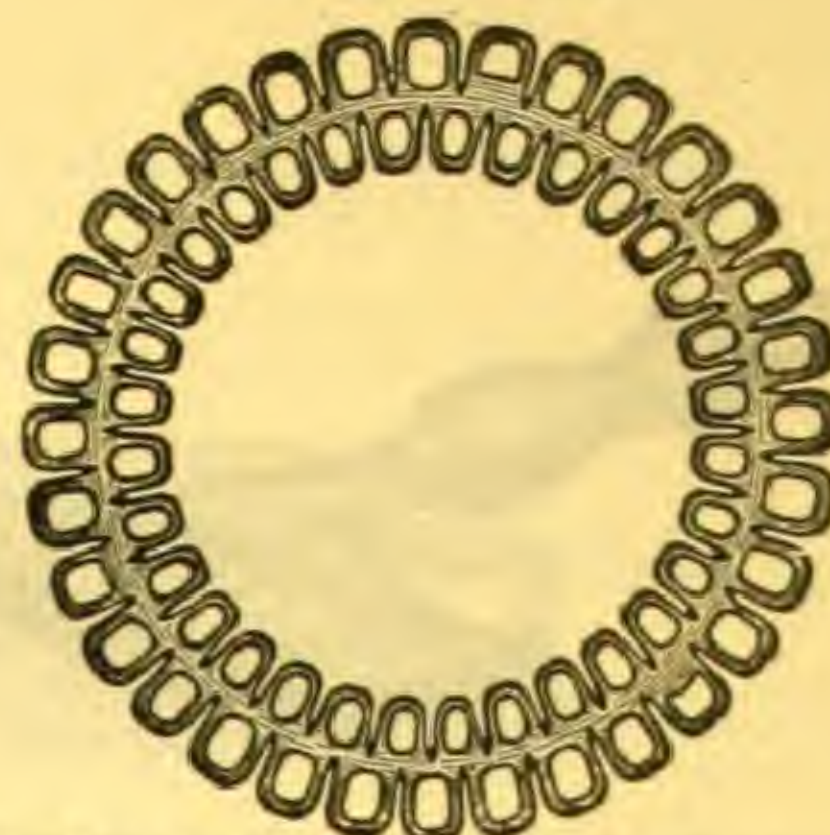
No. 1—For Wood Dash; cast japanned finish. Weight per dozen, 4 lbs. Per dozen \$1 70  
One dozen in box.



No. 1 Whip Socket

No. 81—For Leather Dash; tubular, band fastener, japanned finish. Weight per dozen, 4 lbs. Per dozen \$3 50  
One dozen in box.

WHIP RACK



No. 75—Round; Japanned Finish; diameter 17 inches. Weight per dozen, 70 lbs. Per dozen \$18 00  
Open stock.

FOOT WARMERS AND COAL



No. 5B—Oval; End Ventilators; strong, durable; good appearance; covered with Brussels carpet; lined with asbestos; good heat-giver; used extensively by farmers, mail carriers, cab drivers, etc.; light and handy; length 12 inches. Weight 4 lbs. Each \$6 50  
One in package.



No. 7C—With Slanting Top; indestructible riveted steel body; drawn steel ends; nicked and polished; heavy asbestos lining; adjustable end ventilators; covered with best quality green Brussels carpet; length, 14 inches. Weight 9 lbs. Each \$8 00  
One in package.



Clark Carbon Bricks; the best fuel on the market for Clark Heaters; these bricks consist of scientifically prepared carbon densely compressed into bricks yielding exceptionally high heat value, not equalled by any other heater fuel. One brick in a Clark Heater furnishes strong, steady heat for 12 to 16 hours; size of brick 7 1/2 x 2 1/2 x 1 1/4 inches. Weight per dozen bricks, 10 lbs.

Per carton, 12 bricks \$2 00

SWEAT PADS

No. 63N—Yellow; composite stuffing; four rows quilting; anti chafe stitching; assorted sizes, 18 to 24 inches. Three styles as below

Width, inches	10	12	10
Style	3 Hook	3 Hook	Strap
Weight per dozen, lbs.	20	22	20
Per dozen	\$14 40	16 60	15 10

One dozen in bundle

Note—Be sure to mention width, style and length required.

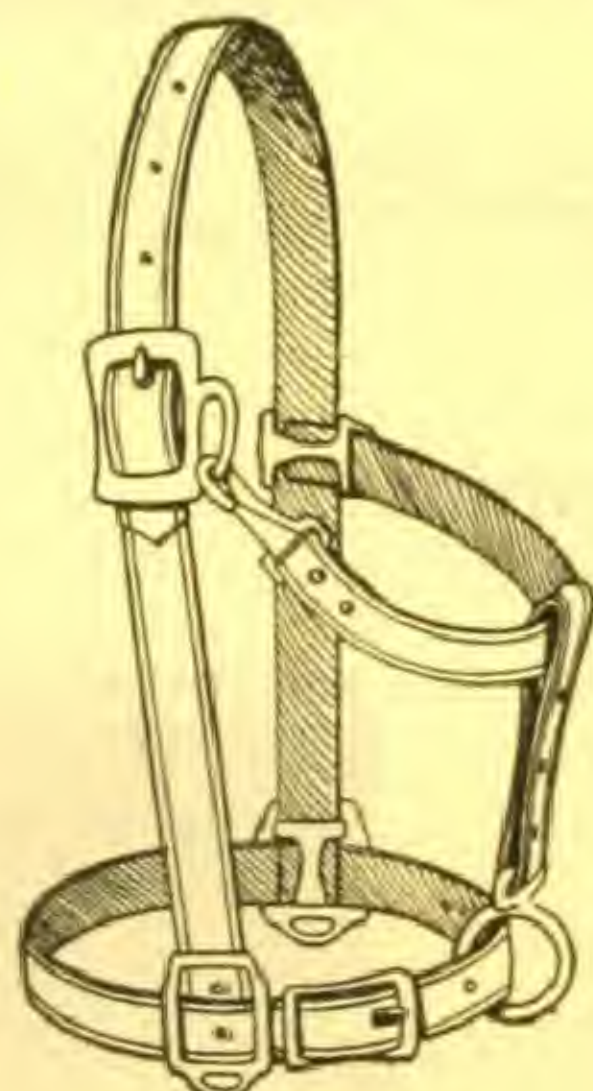


No. 63N.

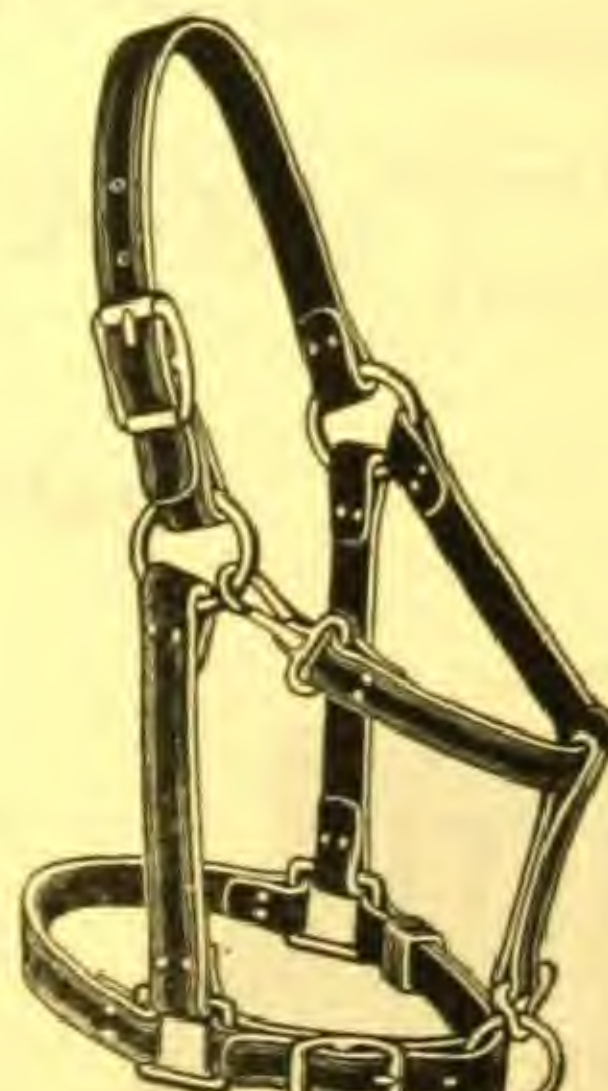
HALTERS



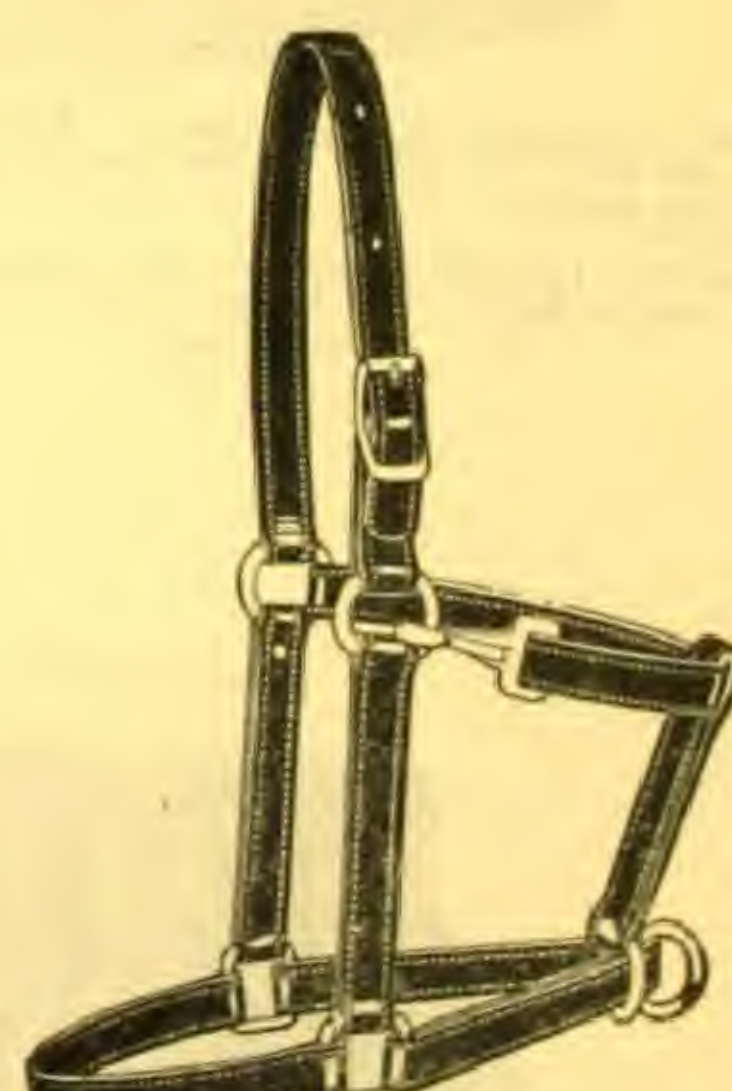
Web—Made from 1 1/2 inch webbing, with leather throat strap and 1/2 inch rope tie as shown in cut. Weight per dozen, 9 lbs. Per dozen \$8 00  
Half dozen in bundle.



Economy—Good quality black leather; rivetted throat piece; special loops for attaching bit snaps to make a halter bridle. 1 inch leather # throughout. Weight per dozen, 13 lbs. Per dozen \$18 00  
Half dozen in bundle.



Columbus—Select grade Russet harness leather, 1 1/4 inch; double throat pieces; rivetted splices. Heavy rings, buckles and snaps. Weight per dozen, 16 lbs. Per dozen \$24 00  
Half dozen in bundle.



Clyde—Best quality black leather, all straps are double leather, 1 1/4 inch, and stitched. This is the popular 6 ring style, the best value made. Weight per dozen, 25 lbs. Per dozen \$32 00  
Half dozen in bundle.

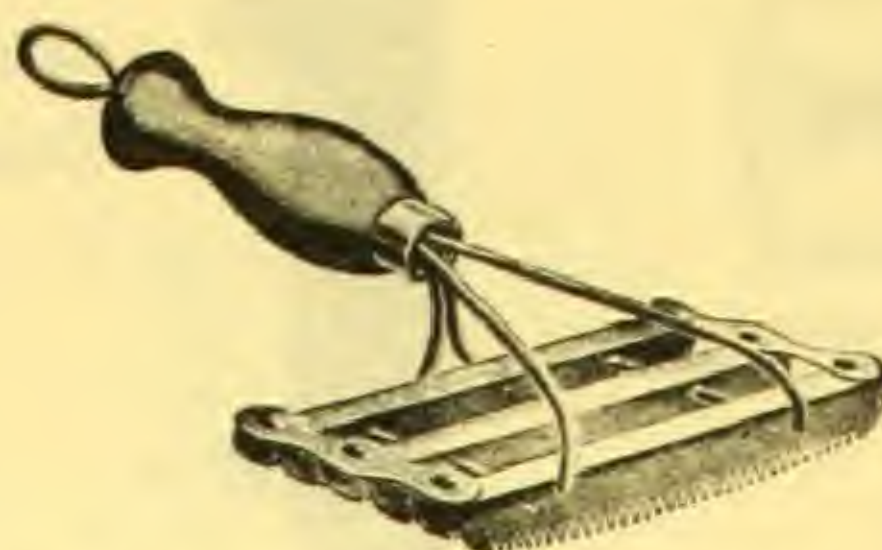


## Curry Combs



No. 111—Closed Back; five bars; black enamelled handle with wire loop; bars are cold rolled lacquered steel; wire shank extends through handle; weight per dozen, 7 lbs. Per dozen \$2 90

Dozen in box.



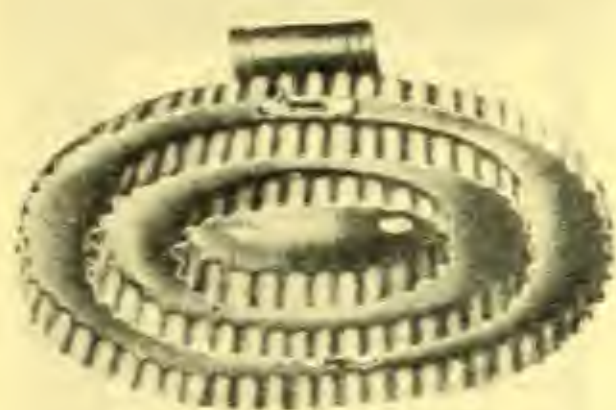
No. 121—Open Back; Six Bar; black enamelled handle; brass ferrule; bars cold rolled steel; double raised grip braces and shank malleable iron; all metal parts lacquered. Weight per dozen, 7 lbs. Per dozen \$2 70

Dozen in box.



No. 127—Open Back; Six Bar, with Mane Comb; malleable iron mane comb; best cold rolled steel; coppered steel wire; shank driven through handle; ring at end to hang up comb; all metal parts lacquered. Weight per dozen, 8 lbs. Per dozen \$3 30

Dozen in box.



No. 270—Eclipse Oval Pattern; crimped edges; leather strap back handle; the three sections or trays are securely riveted together; the size of face over all 6 1/2 by 4 1/4 inches; lacquered finish; Weight per dozen, 6 lbs. Per dozen \$4 00

Dozen in box.



No. 47—Heavy Pattern Solid Back; six bars of rolled steel lacquered finish; black enamelled handle brass ferrule; forged steel shank and braces; shank extends through the handle and is riveted at end. Weight per dozen, 10 lbs. Per dozen \$5 10

Dozen in box.



No. 100—Cattle Comb; curved back; 3 bar pattern; black enamelled handle with brass ferrules; forged steel shank and braces; the brace is securely riveted to the curved back and centre bar and also extends through the handle. Weight per dozen, 7 1/2 lbs. Per dozen \$5 20

Dozen in box.

## Horse Cards

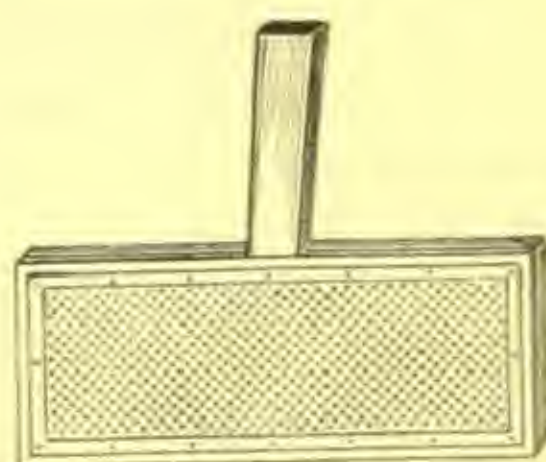


No. 4—Leather Face; Coppered Wire Teeth; size 3 1/2 x 5 1/4 inches. Weight per dozen, 4 lbs. Per dozen \$9 00

No. 04—Imitation Leather face; otherwise the same as No. 4. Per dozen \$7 20

Open Stock.

## Wool Cards



No. 5—Leather Face; leather bound; coppered wire teeth; size 4 1/4 x 8 3/4 inches; weight per dozen pairs 12 1/2 lbs. Per dozen pairs \$32 40

Open Stock.

## Singeing Lamp



No. 162—Brass Cylinder Handle; brass stop cock; japanned tin burner; 4 inch wick; length 15 inches; weight per dozen, 10 lbs. Per dozen \$48 00

Open Stock.

## Stable Brooms



No. 380—Split Bamboo Push Broom; steel fastened filling; trimmed to 5 inches; solid wood block 14 inches long; 5 rows of fillers; supplied with hardened handles; weight per dozen 35 lbs. Per dozen \$15 00

Half dozen in bundle



No. 1407—Genuine Bass Push Broom; solid black 16 inches long; 4 rows of filler trimmed to 5 inches; steel fastened; supplied with hardwood handles; weight per dozen, 40 lbs. Per dozen \$24 00

Half dozen in bundle



## Horse Brushes



No. 30—Whisk; solid block; oval face and back; size  $9\frac{1}{4} \times 2\frac{3}{4}$  inches; weight per dozen 10 lbs.

Per dozen ..... \$7.50

No. 30L—Leather sides; otherwise the same as No. 30.

Per dozen ..... \$9.50

Half dozen in package



No. 20—Bass; solid block; oval back; flat face; size  $9 \times 2\frac{3}{4}$  inches; weight per dozen 8 lbs.

Per dozen ..... \$4.50

No. 69—Size  $9\frac{1}{2} \times 2\frac{3}{4}$  inches; weight per dozen 9 lbs; otherwise the same as No. 64

Per dozen ..... \$5.80

Half dozen in package



No. 80L—Superior whisk; long filler; polished oval back; oval face; leather sides; size  $10\frac{1}{2} \times 2\frac{3}{4}$  inches; weight per dozen 12 lbs.

Per dozen ..... \$13.80

Half dozen in package



Tango; Embossed Leather Sides; extra long superfine whisk fibre, very full; oval face; highly polished block; size  $9\frac{1}{2} \times 2\frac{3}{4}$  inches. Weight per dozen 8 lbs.

Per dozen ..... \$10.00

Half dozen in box



No. 500—Union; solid block; flat back and flat front; leather top strap; size  $8\frac{1}{2} \times 4$  inches; weight per dozen 8 lbs.

Per dozen ..... \$6.50

Half dozen in package



No. 150—Mixed Fibre; flat solid back; polished; oval face; leather top strap; size  $8\frac{1}{2} \times 4$  inches. Weight per dozen  $8\frac{1}{2}$  lbs.

Per dozen ..... \$7.30

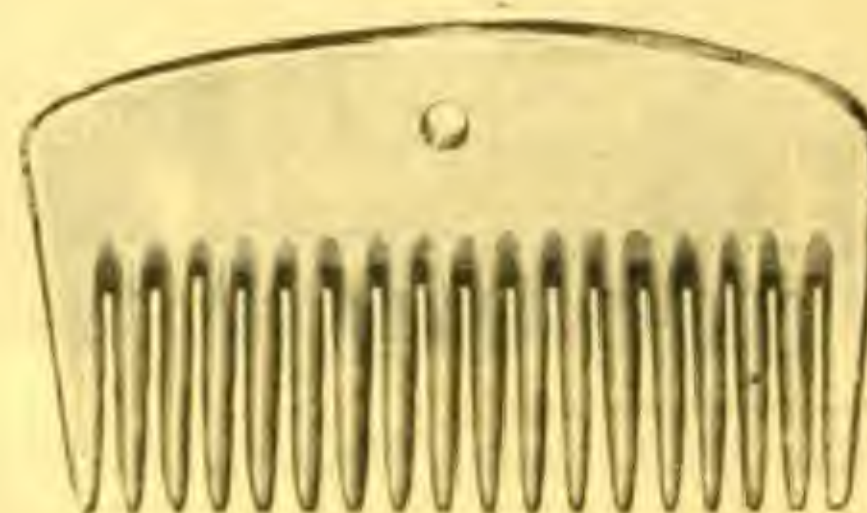
Half dozen in box



No. 170—Wire Dandy; all tinned, tempered, fine steel wire,  $1\frac{1}{4}$  inches long; varnished solid block 9 inches long by  $2\frac{1}{4}$  inches wide; wire drawn; weight per dozen 12 lbs.

Per dozen ..... \$17.00

In individual boxes



Mane Combs—Bone; convenient pocket size; length 4 inches, width  $2\frac{1}{2}$  inches; eighteen teeth; weight per dozen  $1\frac{1}{4}$  lbs.

Per dozen ..... \$4.80

One dozen in package



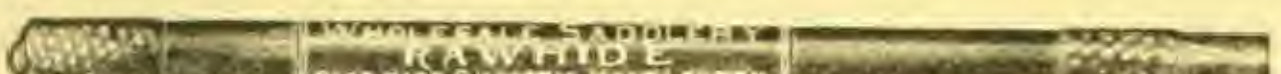
## Carriage Whips



No. 106—LURAY; black, thread cover, entire length; smooth finish; round end; Boston snap. Length 5½ feet. Weight per dozen, 3½ lbs. Per dozen \$4.00



No. 306—PRIDE OF THE ROAD; black all reed stock; smooth finish; rubber cap and two buttons; Boston snap. Length 6 feet. Weight per doz. 34 lbs. Per dozen \$8.00



No. 756—WHOLESALE SADDLERY; rawhide centre; black finish, rubber lined and weighted; rubber cap and two buttons; Philadelphia snap. Length 6 feet. Weight per dozen, 5 lbs. Per dozen \$16.00



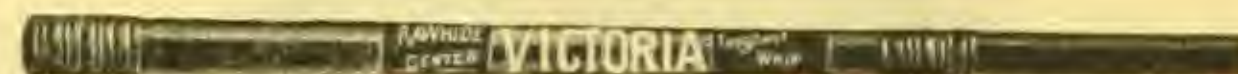
No. 1006—EDISON; Rawhide centre; wire plaited under cover; black finish; rubber lined, waterproof; rubber cap and two buttons; hand braided snap. Length 6 feet. Weight per dozen, 7 lbs. Per dozen \$20.00



No. 1596—STANDARD BRED; heaviest rawhide centre; double plaited cover, black finish rubber lined; waterproof; rubber cap and two buttons; hand braided silk snap. Length 6 feet. Weight per dozen, 7½ lbs. Per dozen \$24.00



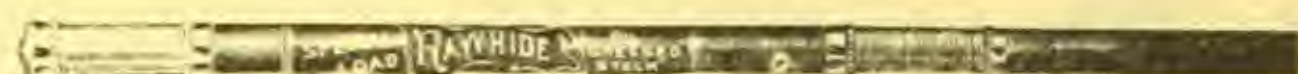
No. 256—JAVA; all black smooth finish; Java stock; two buttons; round end; Boston snap. Length 6 feet. Weight per dozen, 3½ lbs. Per dozen \$4.70



No. 406—Victoria; black color; waterproof lined; rawhide centre half length; Boston snap; length 6 feet; weight per dozen 4½ lbs. Per dozen \$11.00



No. 506—TIGER; All black; rawhide centre; smooth finish; rubber cap and two buttons; Boston snap. Length 6 feet. Weight per dozen, 4 lbs. Per dozen \$16.00



No. 1106—SPECIAL RAWHIDE; Heavy rawhide centre from cap to snap; black finish; loaded butt; metal cap; hand braided snap. Length 6 feet. Weight per dozen, 10 lbs. Per dozen \$18.50



No. 2006—Prairie Schooner; heaviest rawhide centre full length; rubber lined; double covered; wire plaited undercover; two ferrules and butt cap; buckskin snap; length 6 feet; weight per dozen 8 lbs. Per dozen \$36.00

## FARM WHIPS



No. 015—BANG-UP; white cotton covered stock; 3 feet long with black handle; Length over all 6 feet. Weight per dozen, 3 lbs. Per dozen \$3.80



No. 267—CAB; Heavy express; black plaited cover; rubber cap and head button. Length of stock 3½ feet. Length over all 7 feet. Weight per dozen 4½ lbs. Per dozen \$5.50



No. 075—SLASHER; Heavy twisted oak stock; heavy drop top; rubber cap and two buttons; black color. Length of stock 3½ feet. Length over all 6½ feet. Weight per dozen, 5 lbs. Per dozen \$12.00



No. 035—EXPRESS; white plaited cover; black plaited handle; rubber cap and two buttons. Length of stock 3½ feet. Length over all 7 feet. Weight per dozen, 3½ lbs. Per dozen \$5.50



No. 040—JUMBO; heavy stock; black plaited cover; 5 feet long; rubber cap and head button. Length over all 7½ feet. Weight per dozen, 5½ lbs. Per dozen \$6.70



No. 060—HARVESTER; black covered stock 7½ feet long for binder use; rubber cap and two buttons; Length over all, 12 feet. Weight per dozen, 6½ lbs. Per dozen \$13.50

## WHIP STOCKS



LEATHER COVERED STOCK—Oak stock covered with black leather hand sewn; Length 3½ feet. Weight per dozen, 5 lbs. Per dozen \$16.00



WOOD STOCK; best second growth hickory; leather loop wound on.  
Length, feet..... 3 3½ 4  
Weight per dozen, lbs..... 4 4½ 5  
Per dozen..... \$3.00 4.00 5.00

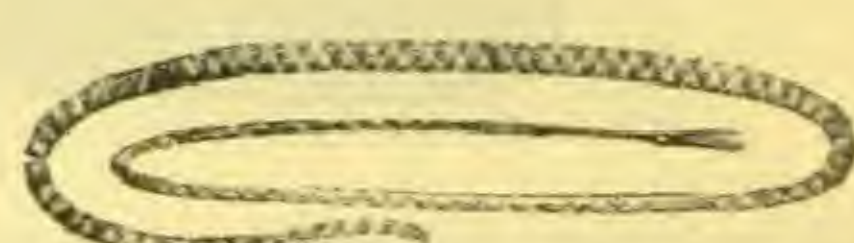
## WHIP LASHES



No. 901—Round Leather Lash; tapered from loop to tip. Length 4½ feet. Weight per dozen, 1 lb. Per dozen \$1.50



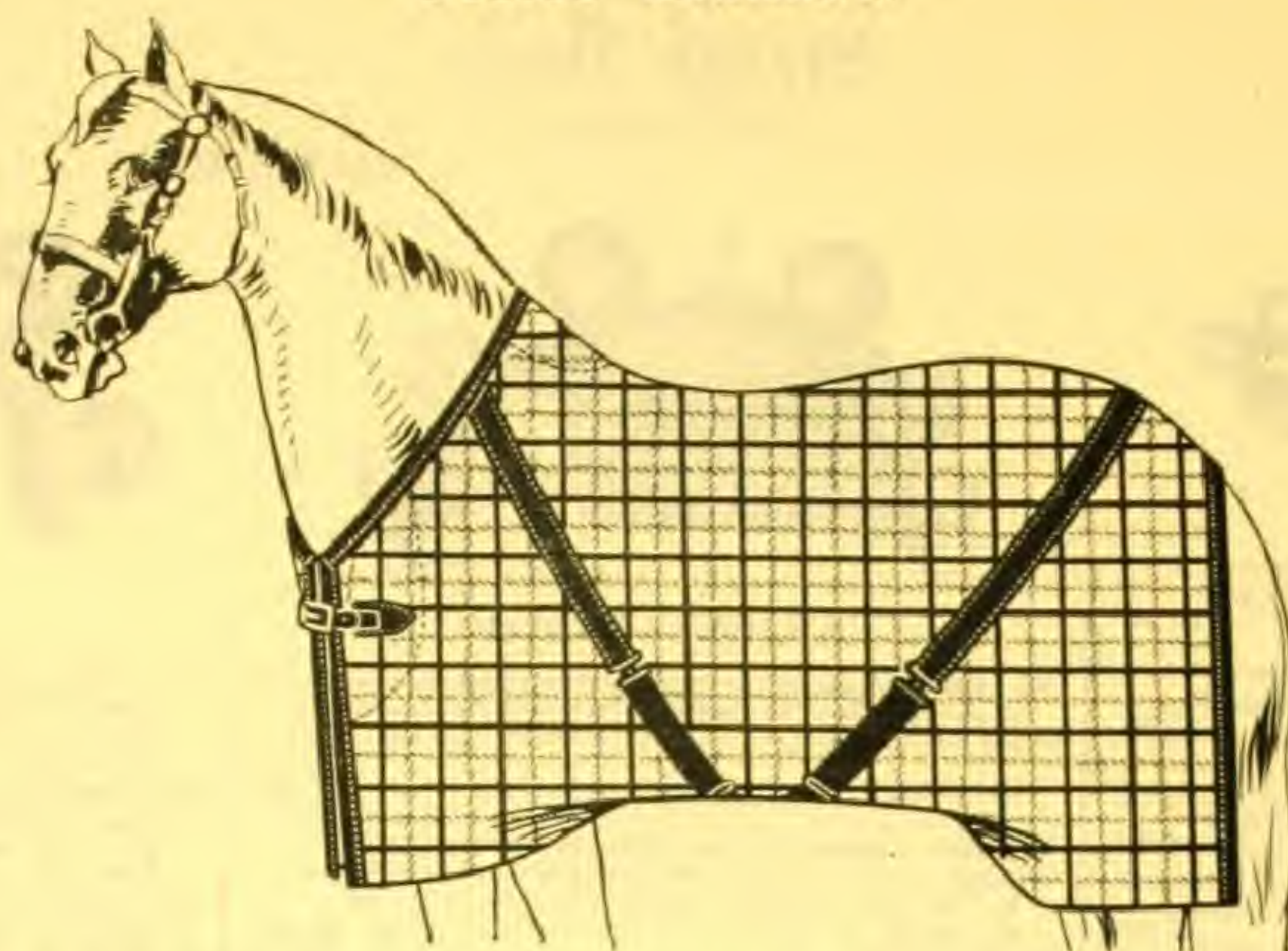
No. 900—Plaited Thread Lash. Length including snap 5 feet. Weight per dozen, 1 lb. Per dozen \$3.50



No. 902—Horsehide; plaited 4 ply; white color. Length including snap 5 feet. Weight per dozen, 1 lb. Per dozen \$6.00

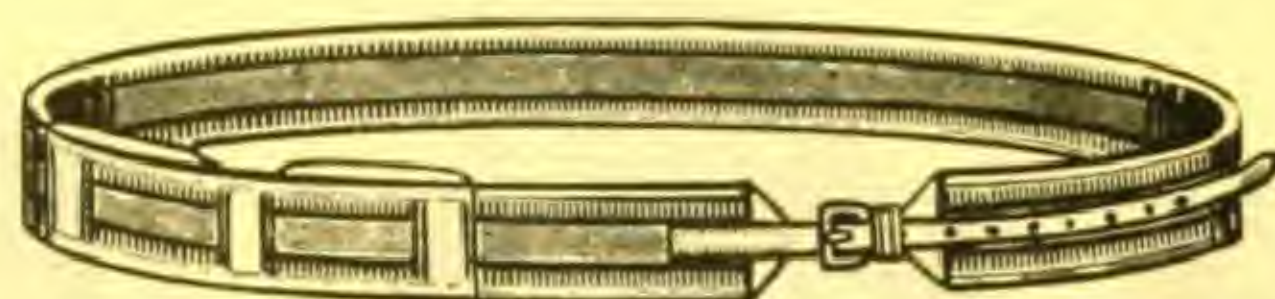


## Horse Blankets



No. 10.—Striped Jute; 72 inch; unlined; no stay-on straps; weight each 4 lbs. Per dozen	\$ 30.00
No. 3040.—Fancy striped jute; length 72 inches; 40 inch lining; narrow stay-on straps; weight each 4½ lbs. Per dozen	\$ 49.00
No. 3060.—Fancy striped jute; length 72 inches; 60 inch lining; wide stay-on straps; weight each 6½ lbs. Per dozen	\$ 64.00
No. 1260.—Fancy striped jute; length 78 inches; 60 inch lining; wide stay-on straps; weight each 7½ lbs. Per dozen	\$ 70.00
No. F 60.—Fancy checked jute; length 72 inches; 60 inch lining; wide stay-on straps; weight 6 lbs. Per dozen	\$ 60.00
No. 5060.—Fancy striped jute; length 78 inches; 60 inch lining; wide stay-on straps; with gusset; weight each 8½ lbs. Per dozen	\$ 80.00
No. 1560.—Fancy striped jute; length 72 inches; 60 inch lining; wide stay-on straps; leather leg attachments; weight each 7 lbs. Per dozen	\$ 74.00
No. 7070.—Brown duck; length 72 inches; full lined; narrow stay-on straps; weight each 5½ lbs. Per dozen	\$ 64.00
No. 7570.—Brown duck; length 78 inches; full lined; narrow stay-on straps; weight 6½ lbs. Per dozen	\$ 76.00
No. 312.—All wool; leather color; fancy border; size 80 x 80 inches; no attachment; weight each 7½ lbs. Per dozen	\$120.00

## Surcingles



No. 01.—Jute webbing; plain width 3¼ inches; width of leather strap 1 inch; weight per dozen 4 lbs. Per dozen	\$ 7.00
No. 1.—Jute webbing; padded back; width 3¼ inches; width of leather strap 1 inch; weight per dozen 7 lbs. Per dozen	\$ 9.00
No. 2.—Fancy jute webbing; padded back; width 3½ inches; width of leather strap 1 inch; weight per dozen 7 lbs. Per dozen	\$13.00

## Woollen Rugs



Carnegie; 54 x 74 inches; check pattern; bound edge; wool; weight 3 lbs. Each	\$ 5.50
Lincoln; 54 x 64 inches; tartan check pattern wool with fringe; weight 3½ lbs. Each	\$ 6.00
Newport; 58 x 68 inches; tartan check pattern wool with fringe; weight 3½ lbs. Each	\$10.00
Tiberias; 60 x 70 inches; mottled plush with black back and bound edge; weight 5 lbs. Each	\$15.00

## Dash Aprons



Black enamel drill; waterproof; the pocket fits over the dash and each side is protected by side flaps; two straps to fasten to inside of top; weight each 4 lbs.

Plain back. Each	\$3.00
Check back. Each	\$3.50



## Sleigh Bells

## BODY STRAPS



DEXTER; STAMPED

- No. 047—30 nickel plated steel bells on plain strap; diameter 1½ inches; strap 8 feet long; weight each, 3 lbs. **Per strap**.....\$3.00
- No. 048—10 nickel plated steel bells on plain strap; diameter 1½ inches; strap 8 feet long; weight each, 3½ lbs. **Per strap**.....\$3.50
- No. 049—50 nickel plated steel bells on plain strap; diameter 1½ inches; strap 8 feet long; weight each 4 lbs. **Per strap**.....\$4.00
- No. 47—30 brass bells, otherwise same as 047. **Per strap**.....\$3.50
- No. 48—Brass Bells; otherwise same as 048. **Per strap**.....\$4.30
- No. 49—50 Brass Bells; otherwise same as 049. **Per strap**.....\$5.00
- No. 108—40 Acorn Pattern cast bell metal bells; on plain leather strap 8 feet long; very fine tone, brass finish. Weight per strap, 6 lbs. **Per strap**.....\$6.50
- No. 109—50 Bells; otherwise same as No. 108. Weight per strap, 7 lbs. **Per strap**.....\$8.00

## BACK STRAPS



VICTORIA—STAMPED

- No. 409—4 stamped brass bells on double leather strap; two No. 7, 2 inch diameter and two No. 9, 2½ inch diameter; weight of strap 1½ lbs. **Per strap**.....\$3.30
- No. 410—4 stamped brass bells on double leather strap; two No. 9, 2½ inch diameter; and two No. 11, 2½ inch diameter; weight of strap 1¾ lbs. **Per strap**.....\$4.20
- No. 411—6 stamped brass bells on double leather strap; two No. 7, 2 inch diameter; two No. 9, 2½ inch diameter; and two No. 11, 2½ inch diam.; weight of strap, 2 lbs. **Per strap**.....\$5.40
- No. 409N—Nickel plated; otherwise same as No. 409. **Per strap**.....\$3.50
- No. 410N—Nickel plated; otherwise same as No. 410. **Per strap**.....\$4.40
- No. 411N—Nickel plated; otherwise same as 411. **Per strap**.....\$5.80



SWEDISH—CAST

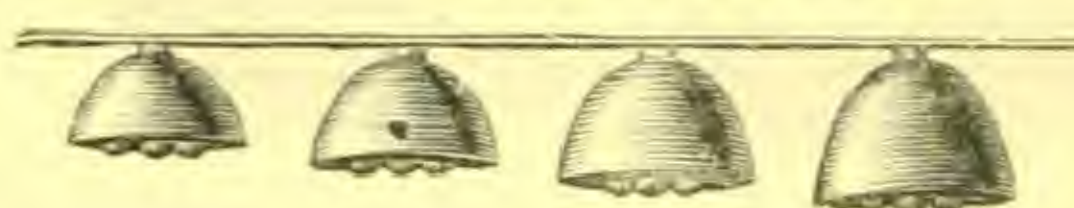
- No. 1200—4 Cast bell metal bells on double leather strap; two No. 7, 2½ inch diameter; and two No. 9, 2½ inch diameter; weight per strap 2½ lbs. **Per strap**.....\$4.50
- No. 1400—4 Cast bell metal bells on double leather strap; two No. 7, 2½ inch diameter; and two No. 11, 2½ inch diameter; weight per strap, 3 lbs. **Per strap**.....\$4.80
- No. 1600—4 Cast bell metal bells on double leather strap; two No. 9, 2½ inch diameter; and two No. 15, 3½ inch diameter; weight per strap, 3½ lbs. **Per strap**.....\$6.00
- No. 1800—6 Cast bell metal bells on double leather strap; two No. 7, 2½ inch diameter; two No. 11, 2½ inch diameter; and two No. 15, 3½ inch diameter; weight per strap, 4½ lbs. **Per strap**.....\$8.50
- No. 1200N—Nickel plated; otherwise same as No. 1200. **Per strap**.....\$4.60
- No. 1400N—Nickel plated; otherwise same as No. 1400. **Per strap**.....\$5.00
- No. 1600N—Nickel plated; otherwise same as No. 1600. **Per strap**.....\$6.30
- No. 1800N—Nickel plated; otherwise same as No. 1800. **Per strap**.....\$8.80

## SHAFT CHIMES



NICKEL PLATED STEEL

- No. 6—Two gongs on iron strap; weight per pair ¾ lbs. **Per pair**.....\$0.52
- No. 7—Three gongs on iron strap. Weight per pair 1 lb. **Per pair**.....\$0.90
- No. 13—Four gongs on iron strap; weight per pair, 1¼ lbs. **Per pair**.....\$1.30



SHEET BRASS

- No. 99—Four gongs on iron strap nickel plated or brass finish; weight per pair 1½ lbs. **Per pair**.....\$2.60
- No. 999—Four gongs on brass strap; nickel plated or brass finish; weight per pair 1½ lbs. **Per pair**.....\$3.00



BELL METAL

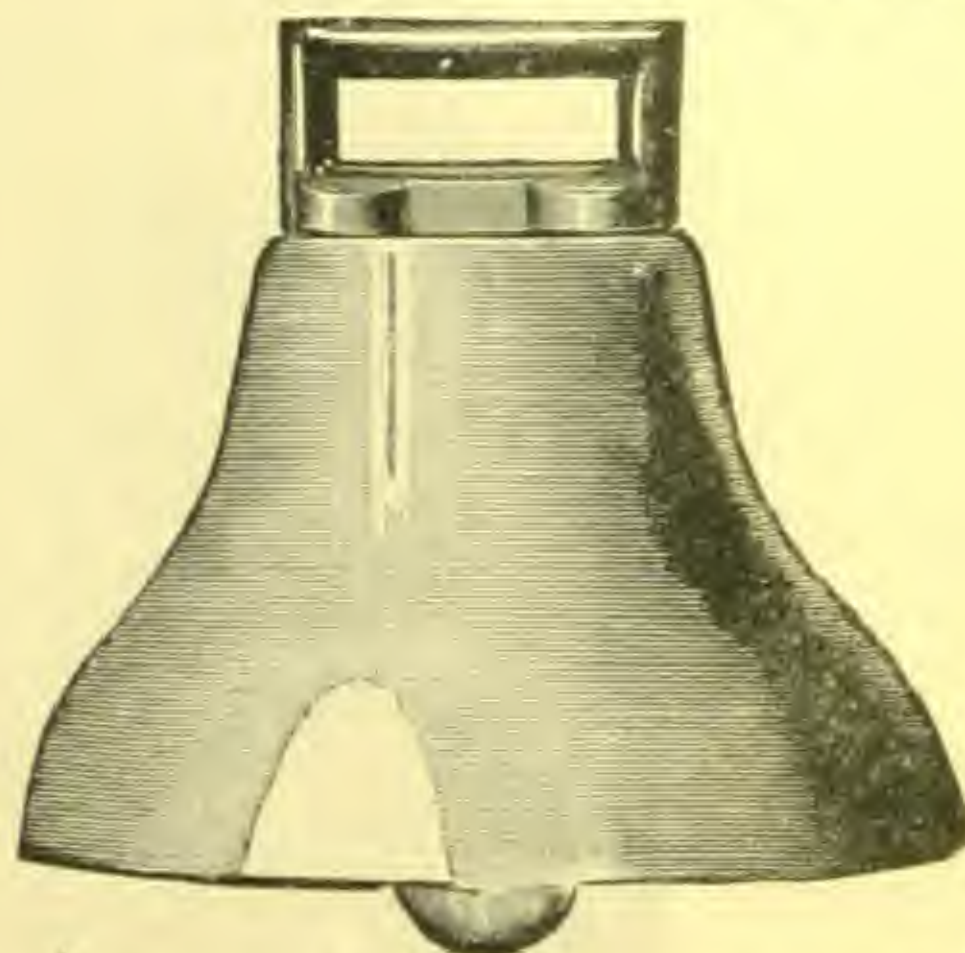
- No. 150—Three bevel gongs on nickel frames; nickel or brass finish. Weight per pair, 2 lbs. **Per pair**.....\$4.20
- No. 160—Four bevel gongs on nickel frames; nickel or brass finish; weight per pair, 2¼ lbs. **Per pair**.....\$6.30

## TEAM BELLS



- No. 2—Stamped steel; nickel plated; riveted to buckled leather strap; diameter of bell 2½ inches. Weight per dozen, 1¾ lbs. **Per dozen**.....\$2.60

Dozen in bundle.



Seamless Wrought Steel Bell; Copper plated; copper plated malleable iron loop securely riveted to bell; cast iron clapper.

- No. 7—Diameter 3½ inches. Weight per dozen, 1½ lbs. **Per dozen**.....\$2.50
- No. 8—Diameter 4 inches. Weight per dozen, 5¼ lbs. **Per dozen**.....\$6.00

Dozen in package.



Heavy Pure Cast Bell Metal Bell; rough finish with polished rim; flaring mouth; brass-plated malleable iron loop; cast iron clapper.

- No. 3—Diameter 3½ inches; weight per dozen, 7 lbs. **Per dozen**.....\$8.10
- No. 4—Diameter 3¼ inches; weight per dozen, 12 lbs. **Per dozen**.....\$11.20

Dozen in package.



Swiss; Heavy Cast Bell Metal; ornamental design, large loop; deep tone; rust proof throughout.

- No. 2—Diameter 3½ inches; weight per dozen, 7 lbs. **Per dozen**.....\$10.10
- No. 3—Diameter 3½ inches; weight per dozen, 10½ lbs. **Per dozen**.....\$12.80
- No. 4—Diameter 4 inches; weight per dozen 12½ lbs. **Per dozen**.....\$15.40
- No. 5—Diameter 4½ inches; weight per dozen 18 lbs. **Per dozen**.....\$22.00
- No. 6—Diameter 5 inches; weight per dozen 24 lbs. **Per dozen**.....\$30.40

Half dozen in package



# Bells

## COW BELLS



Kentucky; made of bronze steel; riveted seams; riveted loop, cast iron clapper.

Number	5	4	3	2	1	0
Length mouth, ins.	3	3 1/2	4 1/2	4 3/4	5	5 1/2
Width mouth, ins.	2	2 3/8	2 1/2	2 3/4	3	3 1/2
Height, inches	3 1/2	4 1/4	4 3/4	5 1/8	6 1/8	7
Width loop, inches	1 1/2	1 3/4	1 3/4	1 3/4	2 1/4	2 3/4
Weight per doz. lbs.	5 1/2	10	12	16	22	25
Per dozen	\$7.50	8.00	9.30	12.00	14.60	19.50

Open stock

## ALARM GONGS



No. 3719—Store Door Trip gong; steel bell 3 inches in diameter steel frame. Weight per dozen 7 lbs.  
Per dozen \$9.00

No. 6—Brass trip gong for warehouses, boats, engines, etc. Sheet brass bell 6 inches in diameter, brass frame and parts; weight per dozen lbs.  
Per dozen \$48.00

No. 8—Sheet brass bell 8 inches in diameter otherwise as No. 6. Per dozen \$96.00

One in package

## HAND BELL



Swiss Hand Bells; made from pure cast bell metal sweet tone; nickel plated, enamelled handle.

Number	4	6	8	10
Diam. inches	3 1/4	3 3/4	4 3/8	5 3/8
Height, inches	6	6 1/2	7 3/4	9 1/4
Weight per dozen, lbs.	6	8	12	19
Per dozen	12.00	20.00	30.00	50.00

One in package

# Call Bells



No. 74—Pressure call bell; nickel plated bell metal gong 2 1/2 inches in diameter; nickel plated steel base 3 3/4 inches in diameter; weight per dozen 5 lbs. Per dozen \$5.00

One in box.



No. 70—Pressure call bell; nickel plated steel gong 2 3/4 inches in diameter; nickel plated base 3 1/2 inches in diameter; weight per dozen 3 1/2 lbs. Per dozen \$6.00

Half dozen in box



No. 62—Pressure call bell; nickel plated bell metal gong 3 inches in diameter; weight per dozen 5 lbs. Per dozen \$8.00

One in box.

# Tea Bells



Assortment—Cast bell metal, assorted sizes, and finishes; contains one each as listed below mounted on an ebony finished board for counter display; each bell fits into a recess in the board indicating the size and number of each one. Weight of assortment complete 1 3/4 lbs. Per assortment \$5.50

One in package.

Refills for assortment may be ordered from detailed schedule below.

Number	Finish	Diameter inches	Height inches	Position in illustration	Weight per doz lbs.	Per dozen
5	nickel	1 1/4	3 1/2	centre	3	\$8.00
4	nickel	2 1/4	3 1/2	front	3	\$8.00
3	nickel	2 1/8	3 3/4	left	3 1/4	\$8.00
2	brass	2 1/2	3 3/4	top, left	3 3/4	\$8.00
1	brass	2 3/8	3 1/2	top, right	3 1/2	\$8.00
0	brass	2 1/2	3 1/4	cross	3 1/4	\$11.00

Half dozen in a box.



## Clipping and Shearing Machines



**No. 1—Stewart; Ball bearing enclosed Gear Type;** mounted upon strong, rigid cast-iron tripod base; 1 inch tubular steel jointed post; dust-proof cast-iron gear case; gears run constantly in oil eliminating friction and wear; flexible steel shaft runs in 1½ inch seamless canvas cover; fitted with Stewart Single Tension Head; height 39 inches; spread at base 22 inches; length of shaft, including head, 6½ feet; width of blade 3 inches; weight 36 lbs.

Manufacturer's List ..... Each \$12.75

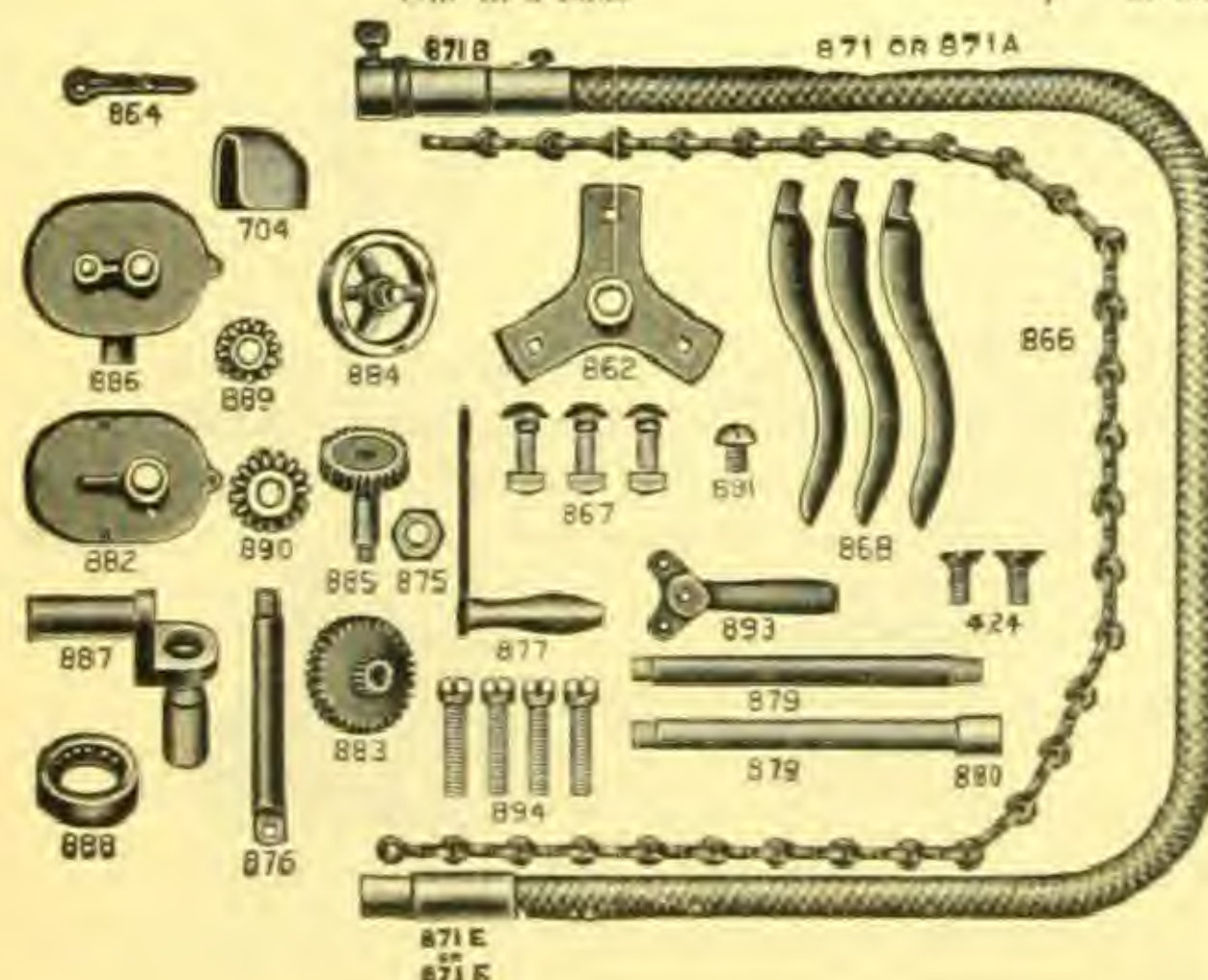
One in box.



**Stewart; Horse Clipping attachment;** for use on sheep shearing machines Nos. 8 or 9; these parts and prices correspond to the same parts of No. 1 Clipping Machine; weight boxed 10 lbs.

Manufacturer's List ..... Each \$7.75

One in a box.



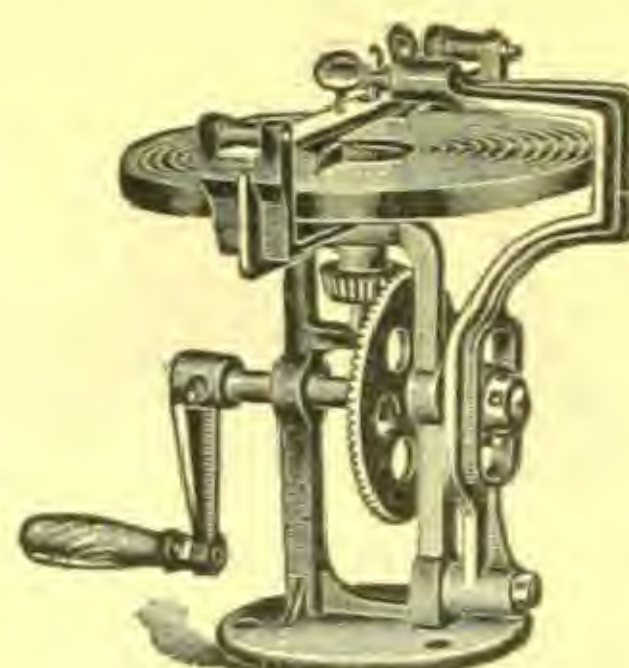
No.		Net Weight	Mfr's List
424	Grip handle screws, each	1 oz.	80.05
704	Gear cap	5½ oz.	50
862	Leg Bracket	11 oz.	50
864	Cotter Pin	¼ oz.	02
866	6-foot chain	1 lb.	2.10
867	Bracket stud and nut, each	2 oz.	05
868	Legs, each	30 oz.	50
871	6-foot shaft, without chain (old style)	39 oz.	3.60
871A	6-foot shaft, without chain (new style)	39 oz.	3.60



**No. 55—Stewart sheep shearing attachment;** for use on No. 1 and No. 2 Horse Clipping Machines to convert them into sheep shearing machines; very convenient; consists of 23½ feet of jointed steel shafting with Universal joints and connecting gears, No. 5 Shearing Head, and four sets of shearing blades. Weight boxed, about 15 lbs.

Manufacturer's List ..... Each \$13.00

One in box.



**No. 3—Stewart; automatic grinder** for sharpening horse clipper or sheep shearing plates; a grinding compound is used on the disc and the plates are held in holders. Weight boxed 60 lbs.

Manufacturer's List ..... Each \$17.00

Note—State whether to be used for horse clipper or sheep shearing plates when ordering.



**No. 9—Stewart; Ball Bearing Sheep Shearing Machines;** Base and upright of this machine are the same as base and upright of the Stewart No. 1 ball bearing clipper. The gearing is very similar to that of the No. 1 clipping machine also, but there is a much larger balance wheel to assist in the easy running once the machine is in motion. Every joint in the shaft and the shearing head itself is fitted with ball bearings, producing a machine that turns easier and cuts faster, with less effort on the part of the operator, than any other machine ever made. Fitted with No. 7 ball bearing shear 4 combs and 4 cutters; weight boxed 50 lbs.

Manufacturer's List ..... Each \$22.00

One in a box.

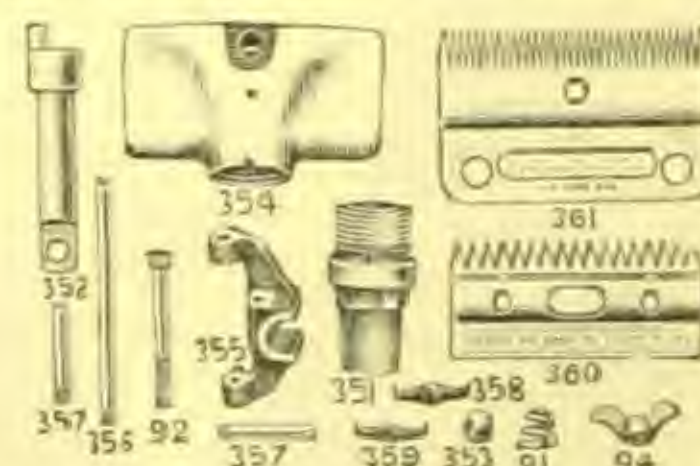


**No. 11—Stewart; grinding attachment;** to be used on No. 1 horse clipping machine or No. 9 sheep shearing machine; grinding compound is used on the disc and the plates are placed in holders and held on the disc as shown; weight boxed 9 lbs.

Manufacturer's List ..... Each \$7.00

## Stewart Clipper Parts

Always mention name and number when ordering parts. Parts for clipping head are shown in next column.



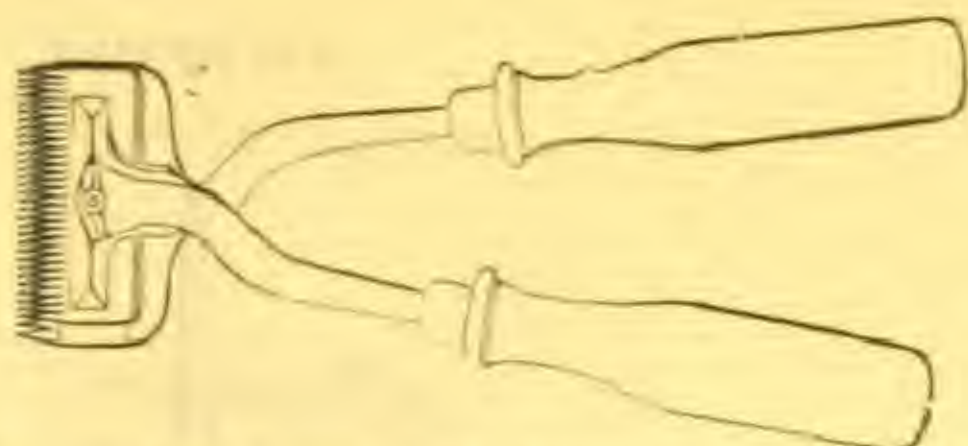
No.		Net Weight	Mfr's List
871 or 871A	Shaft and 866 Chain	3½ lbs.	5.25
875	Crank nut	½ oz.	05
76	Eye spindle	1 oz.	50
877	Crank handle, complete	12 oz.	75
879	Either section of upright, 13-in. long	17 oz.	50
880	Coupling for upright	3 oz.	25
882	Gear case cover	27 oz.	1.00
883	Intermediate gear and platen	12 oz.	2.50
884	Balance wheel and spindle	22 oz.	1.50
885	Drive gear and spindle	19 oz.	2.00
886	Gear case	50 oz.	1.50
887	Gear head	20 oz.	1.80
888	Balls and ball cup	1 oz.	1.00
889	Small cog	1 oz.	.40
890	Large cog	1½ oz.	.60
891	Gear cap screw	1-16oz.	.05
893	Grip handle	11 oz.	.35
894	Gear case screws, each	1 oz.	.05
871E	3-in ferrule for No. 871 shaft	4 oz.	.35
871F	3-in. ferrule for No. 871A shaft	4 oz.	.35
871B	5-in. ferrule for No. 871 or 871A shaft	13 oz.	.60



No.		Net Weight	Mfr's List
B1	Stewart latest model cutting handle and knife, complete	16 oz.	3.50
B3	Stewart latest model clipper handle only	11 oz.	1.00
91	Tension spring	1-16 oz.	.05
92	Tension bolt	1-5 oz.	.05
94	Tension nut	1-7 oz.	.05
351	Taper sleeve	2 oz.	.40
352	Drive pin	2 oz.	.35
353	Drive Ball	1-16 oz.	.10
354	Brace	5 oz.	.50
355	Cross head	1 oz.	.50
356	Cross head pin	1-3 oz.	.10
357	Guide pins	1-7 oz.	.05
358	Ball boss	1-7 oz.	.05
359	Socket boss	1-7 oz.	.05
360	Top plate	2 oz.	1.00
361	Bottom Plate	3 oz.	1.50



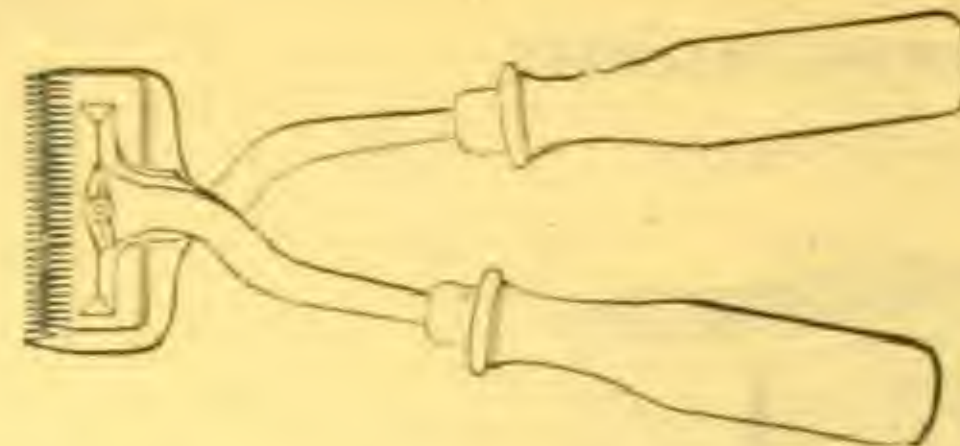
## Horse Clippers



**Grand;** Ball Bearing; nickel-plated head, shanks and ferrules; black ebomized wood handles; crucible steel cutting blades; tempered, ground and sharpened; malleable iron shanks; brass ferrules; smooth bottom plate,  $3\frac{1}{4}$  inches wide; medium teeth (11 to the inch); cuts hair to  $\frac{1}{8}$  inch long; length 11 inches. Weight 1 lb.

Per pair..... \$5.70

One in card board box.



**Goodwood;** polished head; ebomized handles; tempered crucible steel plates; smooth bottom plate;  $3\frac{1}{4}$  inches wide; medium teeth; length  $10\frac{1}{2}$  inches; weight  $1\frac{1}{2}$  lbs.

Per pair..... \$5.00



**Handicap;** polished head; shanks and ferrules; polished hardwood handles; crucible steel cutting blades, tempered, ground and sharpened; malleable iron shanks; brass ferrules; smooth bottom plate,  $3\frac{1}{4}$  inches wide; medium teeth (11 to the inch); cuts hair to  $\frac{1}{8}$  inch long; length  $11\frac{1}{4}$  inches. Weight  $1\frac{1}{2}$  lbs.

Per pair..... \$4.50

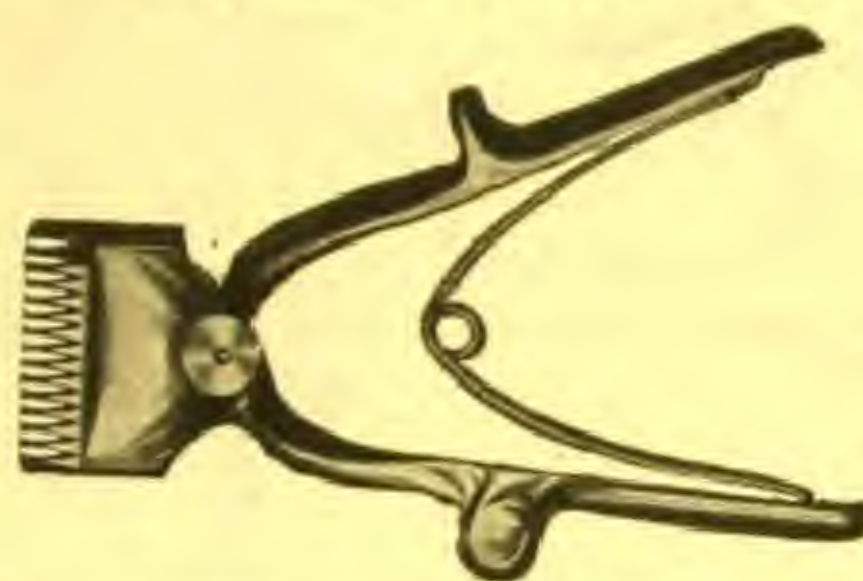
One in card board box.



**Newmarket;** nickel-plated head, shanks and ferrules; black enamelled wood handles; crucible steel cutting blades, tempered, ground and sharpened; smooth bottom plate,  $3\frac{1}{4}$  inches wide; medium teeth (11 to the inch); cuts hair to  $\frac{1}{8}$  inch long; length 11 inches. Weight 1 lb.

Per pair..... \$5.80

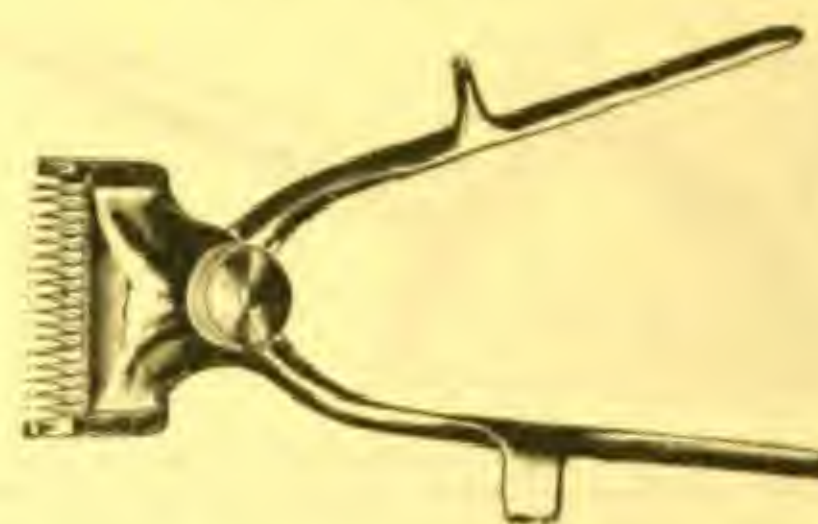
### FETLOCK CLIPPER



**A2;** steel frame; nickel finish; long spring; heat grade steel plates; strong and durable; length  $8\frac{1}{2}$  inches; width of bottom plate 2 inches; weight 8 ounces.

Per pair..... \$4.00

### FETLOCK CLIPPER



**No. 55—All steel frame; nickel finish; coiled spring between handles; good quality blades; length 6 inches; width of lower blade  $1\frac{5}{8}$  inches; weight each 6 ounces.**

Each..... \$2.00

## Toilet Clippers



**Brown & Sharpe;** steel frame; nickel plated finish; spiral spring; uniform tension; plates are interchangeable; width of bottom plate 2 inches.

Number.....	00	000
Cut inches.....	1/64	Close
Per pair.....	\$8.50	8.50

**Gem;** Brown & Sharpe pattern; steel frame; nickel plated finish; spiral spring; corrugated bottom plate; best quality steel plates; length  $6\frac{1}{2}$  inches; width of bottom plate  $1\frac{7}{8}$  inches; weight 8 ounces.

Number.....	00	000
Cut inches.....	1/32	1/64
Per pair.....	\$7.00	7.00



**Trimmer;** nickel plated finish; steel frame; wing tension nut; concealed spring; fluted bottom plate; for neck and beard trimming; length 5 inches; width  $1\frac{3}{8}$  inches; fifteen teeth to the inch; weight 4 ounces. Per pair..... \$3.50

One pair in a box.



**National;** nickel plated steel frame; wing tension nut; concealed spring; corrugated bottom; length  $5\frac{1}{2}$  inches; width  $1\frac{7}{8}$  inches; weight 6 ounces.

Number.....	00	000
Cut inches.....	1/32	1/64
Per pair.....	\$3.50	3.50



## Oilers

## SEWING MACHINE



No. 1—Seamless Plain Tin Body;  $\frac{3}{16}$  inch coarse thread filler screw; size of body  $2\frac{1}{2} \times 1\frac{1}{2}$  inches; height  $3\frac{3}{4}$  inches; weight per gross, 15 lbs.  
Per dozen \$1.80

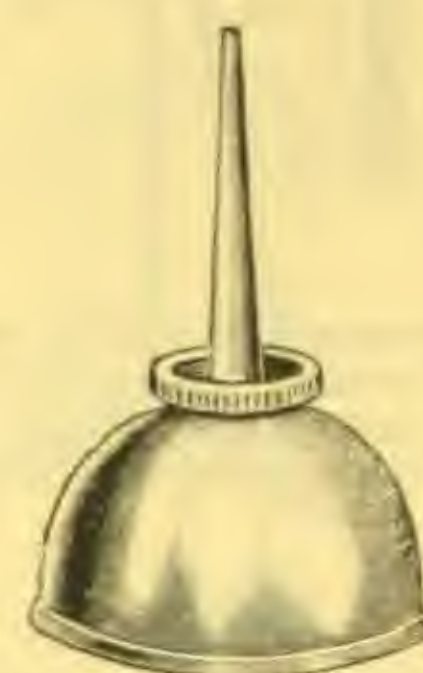
Dozen in box.

## MOWING MACHINE



Seamless; Straight or Bent Spout;  
Strong Bottom;  $1\frac{1}{2}$  inch coarse thread filler screw; size of body  $3 \times 3\frac{3}{4}$  inches; height  $7\frac{3}{4}$  inches; weight per dozen, 4 lbs.  
705P—Plain Tin. Per dozen \$2.50  
705C—Copper Plated Tin. Per dozen \$3.70  
20—Plain Steel. Per dozen \$3.80  
20C—Copper Plated Steel. Per dozen \$5.00  
One dozen in box.

## MACHINIST



Copperized Steel; 20 gauge; high grade spring steel bottom; large filler opening;

Number	Diameter Bottom, inches	Length Spout, inches	Capacity Pints	Per doz.
13	$3\frac{3}{4}$	3	$\frac{1}{2}$	3.70
13A	$3\frac{3}{4}$	5	$\frac{1}{2}$	3.80
14	$3\frac{3}{4}$	9	$\frac{1}{2}$	4.40
14A	$3\frac{3}{4}$	5	$\frac{1}{2}$	5.00
14B	$3\frac{3}{4}$	9	$\frac{1}{2}$	5.50
15A	$4\frac{1}{4}$	5	1	7.20

One dozen in box.

## Pump Oilers



Handy Auto Oiler; steel body and spout; copperized finish; air tight brass valves; reliable pump; large filler opening; stationary spout 9 inches long; diameter of body 3 inches; capacity  $\frac{1}{2}$  pint; weight per dozen,  $10\frac{1}{2}$  lbs. Per dozen \$26.00

One-half dozen in box.



No. 300—English Pattern; heavy tinned steel; 1 inch filler opening; stationary spout; reliable pump

Size, pints	Length, spout inches	Weight, dozen lbs.	Per dozen
$\frac{1}{2}$	6	4	\$8.80
$\frac{3}{4}$	$6\frac{1}{2}$	$4\frac{1}{2}$	\$9.50
1	$7\frac{1}{2}$	$5\frac{1}{2}$	\$10.50
$1\frac{1}{2}$	$8\frac{1}{2}$	6	\$14.40
2	9	$9\frac{1}{2}$	\$16.20

Half dozen in package

## ENGINEERS



Retinned; Long Spout; Large Filler opening; with side handle for engineers use.  
Capacity, pints 1 2  
Diameter, inches  $3\frac{3}{4}$  4  
Height over all, inches 12 14  
Weight per dozen, lbs 4  $5\frac{1}{2}$   
Per dozen \$9.00 11.00

Open Stock.



FORCES THE OIL ANYWHERE

Improved Cannon Pump Oiler; all brass air tight valves; pump in spout; brass union nut spout connection; copperized steel throughout; Strongly made.

Number	Capacity pints	Length, spout inches	Weight per doz.	Per dozen
1	1	8	13	\$32.00
2	$1\frac{1}{2}$	12	16	36.00
2 1/2	2	12	18	40.00

Half dozen in box.





# Oils and Greases

## HARNESS OIL.



Most Satisfactory for Oiling, Blacking and Preserving all kinds of Leather and Harness. Harness properly oiled with Eureka oil is preserved and will last a long time; the oil penetrates the pores of the leather and makes it waterproof.

Sizes:	Per dozen
Pint cans (12 in a case; weight per case, 23 lbs.)	\$ 8 00
Quart cans (12 in a case; weight per case, 39 lbs.)	\$11 00

## SEPARATOR OIL.



Especially Suitable for Hand Cream Separator; pure mineral oil; will not gum; has superior lubricant qualities; protects the separator from seam-rust and corrosion.

Sizes:	Per dozen
Pint cans (12 in a case; weight per case, 23 lbs.)	\$ 8 00
Quart cans (12 in a case; weight per case, 39 lbs.)	\$10 50

## MACHINE OIL.



A High Grade Thick Bodied Oil, for loose fitting bearings such as on agricultural implements; mill or factory machinery.

	Per gallon
One gallon cans (12 in a case; weight per case 125 lbs.)	\$1.20
Five gallon cans (2 in a case; weight per case, 105 lbs.)	\$1.20
Half barrels	\$ .86
Barrels	\$ .80

## DISINFECTANT



Creonoid Lice Destroyer; for killing lice and other animal vermin and to prevent fly pest spray the animals carefully once or twice a day as required. It is also a very effective disinfectant for stables, and other outbuildings which are breeding grounds for vermin. Follow the directions found on each can.

Half gallon cans, per dozen	\$16 00
One gallon cans, per dozen	\$24 00

One dozen in a case

## FLY OIL.



Dr. Williams Fly and Insect Destroyer is a harmless preparation for destroying all vermin and animal insects whether on the beast or in the stable. It is also a safe and sure cure for poultry roup and cholera; distemper, etc. Easily applied by the use of an ordinary sprayer.

Quart cans, per dozen	\$ 9 00
Half gallon cans, per dozen	\$16 00
One gallon cans, per dozen	\$24 00

One dozen in a case.

## AXLE GREASE



Made of Finest Grease Stock and ground Mica; reduces friction to a minimum; for light and heavy wagons.

Size cans, lbs.	1	3	
Cans in case	48	12	
Weight per case, lbs.	60	46	
Per case	\$12.50	16.70	
Size pails, lbs.	10	15	25
Each	\$3.00	4.00	6.00

## CUP GREASE



Cup Grease; is a first-class lubricant, prepared especially for use in grease cups on steam engines and other machinery.

Sizes:	Per pound
One-pound tins (12 in a case; weight per case, 17 lbs.)	\$0.34
Five-pound tins (6 in a case; weight per case, 15 lbs.)	\$0.28

## PAROWAX



Parowax; for sealing air tight containers of preserved fruits etc., guaranteed under the pure foods act; put up in quarter pound cakes, four cakes in a carton.

Per pound	\$0.22
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One hundred pounds in a case

## WAX CANDLES



Paraffine Wax Candles; for lighting purposes; gives a clear bright light free from smoke.

12-Size 7/8 x 5 inches, per pound	\$0.23
6-Size 7/8 x 10 inches, per pound	\$0.22

Six pounds in a carton.



## Awning Pulleys



Single Wheel; Fast Eye; Japanned or Galvanized.

Diameter sheave, inches	1/2	3/4	1	1 1/4	1 1/2	1 3/4	2	2 1/2
Thickness sheave, inches	3/8	5/8	1	1 1/4	1 1/2	1 3/4	2	2 1/2
Weight per dozen, lbs.	1 1/4	1 1/2	2	2 1/2	4	6	10	20
Per dozen—								
No. 74—Japanned	\$0.90	1.10	1.30	1.50	2.00	2.30	3.30	5.50
No. 174—Galvanized	\$1.20	1.70	2.00	2.30	3.50	4.80	6.80	11.60

1/2 to 1 1/4, dozen in box; 2 and 2 1/2, half dozen in box.



Double Wheel; Fast Eye; Japanned or Galvanized.

Diameter sheave, inches	3/4	1	1 1/4	1 1/2	1 3/4	2	2 1/2
Thickness sheave, inches	3/8	5/8	1	1 1/4	1 1/2	1 3/4	2
Weight per dozen, lbs.	2 1/2	3	4	5	12	16	41
Per dozen—							
No. 76—Japanned	\$1.60	1.80	2.30	3.30	4.60	6.80	10.40
No. 176—Galvanized	\$2.30	2.40	3.20	4.40	7.10	9.20	18.00

## UPRIGHT PULLEYS



No. 55—Upright Pulley; cast wheel; japanned;

Diam. sheave, inches	2	2 1/2
For rope, inches	3/4	1
Weight per doz., lbs.	6	9
Per dozen	\$2.70	4.00

One dozen in box.

## HOthouse PULLEYS



No. 85—Hothouse Pulley; single wheel; 2 inch wheel; for 3/8 inch rope; japanned; weight per dozen, 8 lbs. Per dozen

	\$3.50
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One dozen in box.

## SIDE PULLEYS



No. 25—Side Pulleys; single wheel; japanned.

Diameter sheave, inches	1 1/2	1 3/4	2	2 1/2
For rope, inches	3/4	3/4	1	1 1/4
Weight per dozen, lbs.	2	3	4	10
Per dozen	\$1.80	2.10	2.20	4.40

1 1/2 in. to 2 in., two dozen in box; 2 1/2 in., dozen in box.

## SCREW PULLEYS



No. 45—Screw Stem; single wheel; malleable iron; japanned.

Diam. sheave, in.	1 1/2	1 3/4	2	2 1/2	3
For rope, inches	3/4	3/4	3/4	1	1 1/4
Weight per dozen, lbs.	1 1/4	1 3/4	2 1/4	5	9
Per dozen	\$1.70	1.90	2.40	3.20	4.20

Dozen in box.

## BLIND PULLEYS



No. 36—Screw Stem; brass wheel; brass frame.

Diameter sheave, inches	1/2	3/8	3/4	1
For rope, inches	3/8	1/2	3/4	1
Weight per dozen, lbs.	3 1/2	4 1/2	5 1/2	11
Per dozen	\$2.40	2.60	3.00	3.90

One dozen in box.

## LINE CLEATS



No. 4—Japanned Malleable Iron; length 4 1/2 inches.

Weight per dozen, 1 1/2 lbs.	Per dozen
	\$0.80

Dozen in box.



No. 7—Japanned Cast Iron; length 3 1/4 inches.

Weight per dozen, 4 1/2 lbs.	Per dozen
	\$1.60

Dozen in box.

## Awning Cord



Braided White Cotton awning or Blind Cord; 48 feet in a hank; six hanks connected; above cuts are full size.

Number	3 1/2	4	4 1/2	5
Weight per dozen, lbs.	4	4 1/2	5	6
Per dozen	\$6.00	8.00	11.00	30.00

One dozen in box.

## Sash Cord



See Builders Hardware Section for Sash Cord in hanks and coils.



COBBLERS SETS



Economical; Men's Last, Boys' Last, Women's Last, Reversible Iron Stand, Shoe Hammer, Shoe Knife, Peg Awl Haft, Peg Awl, Sewing Awl Haft, Sewing Awl, One Paper of Clinch Nails, One Paper of Heel Nails; sizes of lasts 8½, 7 and 5 inches; height of stand 10½ inches. Full directions for half-soling with set in neat wood box. Weight 7 lbs.

Per set..... \$1.95

Open stock.



No. 2—Home; Men's Last, Boys' Last, Women's Last, Child's Last, Reversible Iron Stand, Shoe Hammer, Shoe Knife, Peg Awl Haft, Peg Awl, Sewing Awl Haft, Sewing Awl, Stabbing Awl Haft, Stabbing Awl, One Paper of ¼ inch Clinch Nails, One Paper of ½ inch Clinch Nails, One Paper of ¾ inch Clinch Nails, One Paper of Heel Nails, Four Pairs Heel Plates, Tube of Leather Cement, Tube of Rubber Cement, Six Harness Needles, Ball of Shoe Thread, Ball of Shoe Wax; sizes of lasts 10, 8, 6 and 5 inches; height of stand 12 inches. Full directions for half-soling with set in neat wood box. Weight 8 lbs.

Per set..... \$3.15

Open stock.

SHOE LASTS



Combination three in one last; large last 6¼ x 3¼ inches; small last 4¾ x 2½ inches; stem 6¼ x 1½ inches; weight per dozen 95 lbs.

Per dozen..... \$14.50

Open stock.

RUBBER HEELS



Cats Paw; non slip; resilient; will outwear leather and is much more comfortable.

	Mens	Ladies
Numbers.....	5 to 11	4.0 to 4
Per dozen pairs.....	\$4.30	3.50

One pair in a box with nails.

LEATHER TOP LIFTS AND SOLES



Number.....	79	78	51	52
Height, inches.....	4¼	5	5	5
Kind.....	Womens	Boys	Mens	Mens
Weight per dozen, lbs.....	1	1¼	1¼	1¼
Per dozen pairs.....	\$2.10	3.00	2.50	2.10

TOP LIFTS

TAP SOLES

Number.....	37½	30½	122	123	124
Height, inches.....	4	5	5	4½	6
Kind.....	Womens	Boys	Mens	Mens	Mens
Weight per dozen, lbs.....	2½	4	4½	4	5
Per dozen pairs.....	\$3.70	1.90	6.80	6.20	4.90

One dozen pairs in a bundle.



SHOE THREAD



Barbours; best Irish flax; in one or two ounce balls.

Number.....	8	10	15
Per pound.....	\$2.80	3.00	3.20

One pound in a box.

WAX



Best black wax; for cobblers or saddlers use; weight per dozen balls ¾ lb.

Per hundred..... \$2.50

Open stock.

SHOE PLATES



For resisting uneven wear on the soles or heels of shoes; easily applied; put up on cards containing 3 pairs of assorted sizes; weight per dozen cards 1½ lbs.

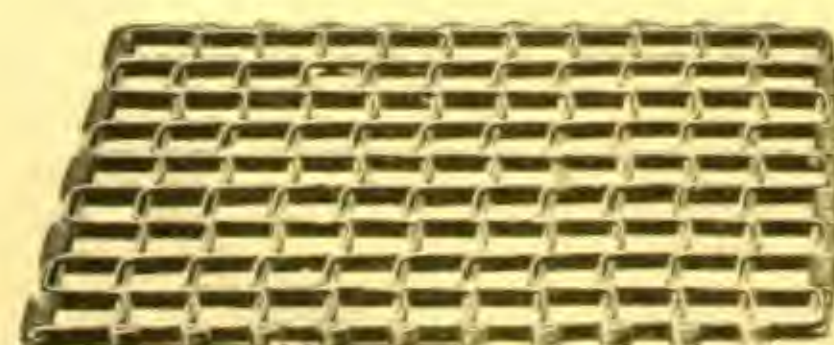
Per dozen cards..... \$2.00

One dozen cards in a bundle.

Door Mats

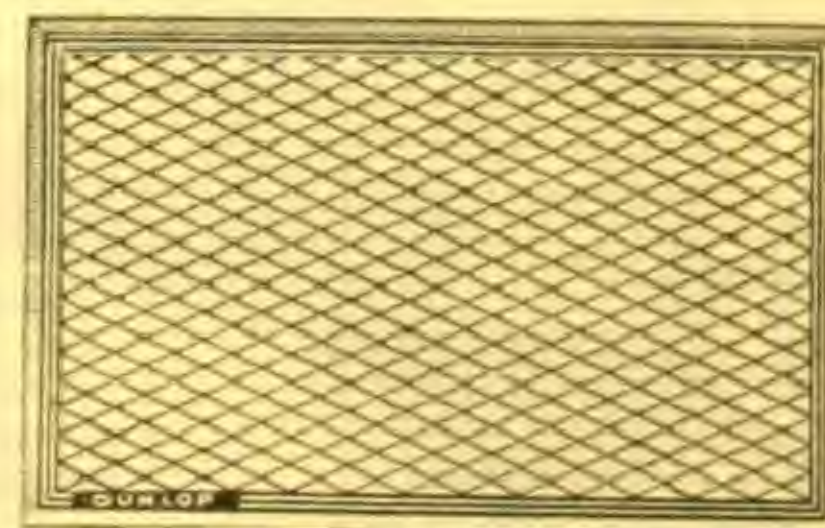


Size, inches.....	14x24	16x27	18x30	22x36
Weight per dozen, lbs.....	35	40	48	70
Each.....	\$1.50	2.00	2.40	3.50



Flexible steel; galvanized throughout; sanitary; lays flat.

Size, inches.....	16x24	18x30	22x36
Weight each, lbs.....	54	76	110
Each.....	\$2.90	4.00	5.40
Also supplied in rolls 30 or 36 inches wide.			
Per Square foot.....	\$1.08		



Size, inches.....	14x26	18x30
Weight per dozen, lbs.....	33	44
Each.....	\$1.70	2.00



## Nail Pullers



No. 1—**Rex**; jaws forged from high grade steel, hardened, oil tempered and polished; handles finished in jet black enamel; length 18 inches.

Weight per dozen, 58 lbs. net. **Per dozen** \$26.40

Open stock.



No. 3—**Sure Grip**; jaws and shanks of special steel, carefully hardened and tempered; square shank with hand guard; automatic claw; box joint claws; handle finished in jet black enamel; other parts blued steel finish; points of jaws polished bright; length 18 inches. Weight per dozen, 51 lbs. net.

**Per dozen** \$32.40

Open stock.



No. 54—**Red Bull**; shank and jaws are forged from high grade steel; carefully hardened and tempered. The handle is a clean tough casting well designed for comfort and strength. The grip is red enameled the rammer in black enamel and the shank and claws highly polished. Length over all 18 inches.

Weight per dozen, 61 lbs. **Per dozen** \$30.00

Open stock.

## Box Openers



No. 90—**Matchless Opener**; natural finish; length 12½ inches. Weight per dozen, 12 lbs. **Per dozen** \$19.50

Open stock.

## Box Hooks



No. 23—**Cast steel**; offset hook, ¼ inch; wood handle. Length 6½ inches. Weight per dozen 6 lbs.

**Per dozen** \$11.90

Dozen in box.

## Hay Hooks



No. 114—**Cast steel**; with wood handle; length 9 inches. Weight per dozen, 7 lbs. **Per dozen** \$11.20

Dozen in box.

## Bunghole Borers



**The Enterprise**; round lip bit; bores smooth round hole with regular taper; holds its own chips, preventing them from entering cask.

Numbers	1	2
Size of bore, inches	¾ to 1½	1½ to 2
Weight, each, lbs.	1	2
Each	\$7.00	9.00

Dozen in box.

## Hanging Twine Box



No. 11—**Copper Bronzed**; cast iron; to hang from ceiling. Weight per dozen, 8 lbs. **Per dozen** \$8.40

Half dozen in box.

## Cone Twine Holder



No. 1—**Japanned iron**; height 11 inches; can be fastened to the wall, ceiling, counter, or paper rack as most convenient. Weight per dozen, 18 lbs. **Per dozen** \$12.00

Open stock.

## Nail Claws



No. 1—**Solid wrought iron** claw and handle; japanned. Weight per dozen, 15 lbs. **Per dozen** \$24.00

Open stock.

## Money Drawers



No. 504

No. 504—**Alarm Till**; grained and varnished front, other woodwork plain, reliable gong lock, coin tray slides sideways, contains three bill spaces and six coin bowls. Weight each, 11 lbs. **Each** \$10.00

One in carton.



No. 503

No. 503—**Alarm Till**; heavily constructed grained drawer; varnished oak front; improved lock and alarm; length 16½ inches; width 19 inches; depth 4½ inches; four bill spaces, size 3½ x 8 inches; eight coin bowls, diameter 3½ inches. Weight each 13 lbs. **Each** \$11.00

One in carton.



## Paper Files



No. 240—Paper clip; cast iron; tuscan bronzed finish; length 4 inches; weight per dozen 3 lbs.  
Per dozen ..... \$4.50

Ten in a box.



No. 24—Paper Hook; cast iron with wire hook; tuscan bronzed finish; length 6 inches; weight per dozen 3½ lbs. Per dozen ..... \$3.70

Ten in a box.



No. 38—Paper Files; cast iron with wire pin; tuscan bronzed finish; height 9 inches; weight per dozen 1 lbs. Per dozen ..... \$5.00

Ten in a box.

## Paper Cutters



BUCKEYE; cast iron ends; nickel plated finish; steel blade; varnished hardwood top bar; can be set up in sets of two or three as shown above.  
12, 15, 18 and 20 inch sizes. Each ..... \$4.50  
24 and 30 inch sizes. Each ..... \$5.50

One in a box.

## Cash Boxes



No. 50—Reinforced case; hinged cover; brass handle; three compartment tray; two keys; japanned inside and out with gold band decorations.  
Length, inches ..... 8 9 10 12 14  
Width, inches ..... 5 5½ 5¾ 7 7¼  
Weight per doz., lbs ..... 16 20 23 34 43  
Per dozen ..... \$21.60 24.40 28.00 35.50 43.00

No. 2—Similar design and construction to No. 50 but of lighter material.  
Length, inches ..... 6 8  
Width, inches ..... 3½ 4¾  
Weight per doz., lbs ..... 6¼ 12½  
Per dozen ..... \$6.50 13.50

Open Stock.

## Barrel Swings



No. 13—Cast iron; japanned; consists of two swivel mounts for swinging barrels under the counter; weight each 3½ lbs. Each ..... \$1.90

One in a box.

## Bellows



No. 192—For moulders or household use; plain beech board; leather covered; reinforced end.  
Width, inches ..... 6¼ 7½  
Weight per dozen, lbs ..... 17 19  
Per dozen ..... \$16.00 20.00

Open Stock.



## Twines



## STITCHING

- No. 256.—Three ply Italian lamp; hard finished; special grade; diameter 1/32 inch; approx. weight per dozen 28 lbs. Per dozen \$8.00
- No. 257.—Four ply Italian hemp; hard finished; diameter 1/16 inch; approx. weight per dozen 28 lbs. Per dozen \$7.50
- No. 613.—Three ply Italian hemp; hard finished; diameter 1/32 inch; weight per dozen 3 lbs. Per dozen \$6.00

## MATTRESS

- No. 614.—Four ply Italian hemp; hard finished; diameter 3/64 inch; weight per dozen 3 lbs. Per dozen \$6.00
- No. 615.—Five ply Italian hemp; hard finished; diameter 1/16 inch; weight per dozen 3 lbs. Per dozen \$6.00



## WRAPPING



- No. 3.—Three ply white cotton in balls; two dozen balls in a package; approximate weight per package 5 lbs. Per pound \$1.20
- No. 3 C.—Three ply white cotton in cones; approximate weight per cone 2 1/4 lbs. Per pound \$1.16
- No. 3 CC.—Three ply colored cotton (red and white) in cones; approximate weight per cone 2 1/4 lbs. Per pound \$1.10
- No. 4 J.—Spring Twine; four ply jute; soft laid; in balls; diameter 3/16 inch; approximate weight per ball 5 lbs. Per pound \$0.34
- No. 4313.—Three ply jute; hard finished; diameter 1/16 inch; approximate weight per dozen 2 1/2 lbs. Per dozen \$2.20
- No. 3413.—Three ply hemp; hard finished; diameter 1/16 inch; approximate weight per dozen 2 1/4 lbs. Per dozen \$3.20
- No. 3213.—Three ply hemp; hard finished; diameter 3/32 inch; approximate weight per dozen 2 1/2 lbs. Per dozen \$2.20
- No. 3112.—Two ply hemp; hard finished; diameter 1/8 inch; approximate weight per dozen 2 1/2 lbs. Per dozen \$1.80
- No. 32126.—Six ply hemp; hard finished; diameter 1/8 inch; approximate weight per dozen 2 1/2 lbs. Per dozen \$2.50
- No. 1213.—Three ply Italian hemp; hard finished; diameter 3/32 inch; approximate weight per dozen 3 lbs. Per dozen \$5.50
- No. 1215.—Five ply Italian hemp; hard finished; diameter 1/8 inch; approximate weight per dozen 3 lbs. Per dozen \$5.00
- One dozen in a package.



## CHALK LINES

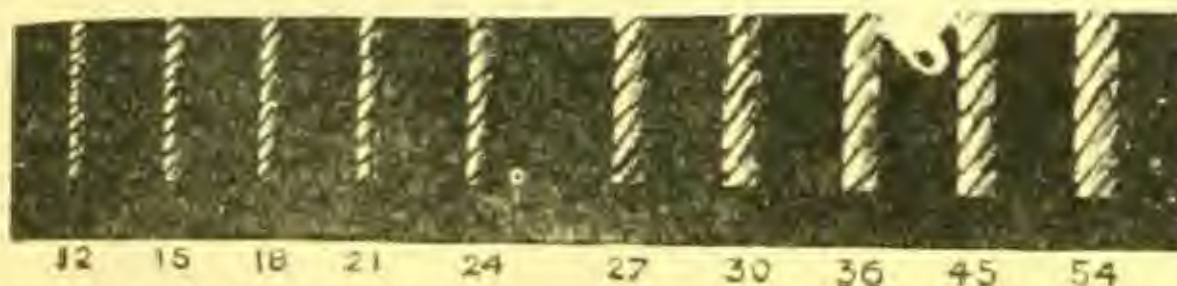
- White Cotton; cable laid; in one pound spools and live pound balls.
- |                        |        |        |
|------------------------|--------|--------|
| Numbers                | 27     | 45     |
| Approx. feet per lb.   | 600    | 100    |
| Approx. strength, lbs. | 54     | 90     |
| Per pound              | \$1.10 | \$1.10 |
- Open stock

- White cotton; medium laid; in skeins.
- |                            |      |      |      |     |     |     |
|----------------------------|------|------|------|-----|-----|-----|
| Numbers                    | 6    | 12   | 18   | 24  | 30  | 36  |
| Approximate feet per lb.   | 3000 | 1550 | 1050 | 775 | 600 | 500 |
| Approximate strength, lbs. | 12   | 24   | 36   | 48  | 60  | 72  |
| Price on application.      |      |      |      |     |     |     |
| Numbers                    | 42   | 48   | 54   | 60  | 72  | 84  |
| Approximate feet per lb.   | 440  | 385  | 345  | 300 | 260 | 215 |
| Approximate strength, lbs. | 84   | 96   | 108  | 120 | 144 | 168 |
| Price on application.      |      |      |      |     |     |     |

## SEINE TWINE

6	12	18	24	30	36
3000	1550	1050	775	600	500
12	24	36	48	60	72
42	48	54	60	72	84
440	385	345	300	260	215
84	96	108	120	144	168

## CHALK LINES



- White Cotton; in 20 foot hanks.
- |                        |        |      |      |      |      |
|------------------------|--------|------|------|------|------|
| Numbers                | 18     | 24   | 30   | 36   | 45   |
| Weight per gross, lbs. | 3      | 1    | 5    | 6    | 7    |
| Per dozen              | \$ .89 | 1.00 | 1.10 | 1.30 | 1.60 |
- Dozen hanks in bundle. Half gross in box.

## MASON LINES



- No. 18W—White Hard Laid Cotton; 100 ft. hanks. Weight per dozen, 2 lbs. \$ 3.60
- No. 18Y—Yellow Hard Laid Cotton; 100 ft. hanks. Weight per dozen, 2 lbs. \$ 3.60
- Dozen hanks in box.

## CARPENTERS'



- Hemisphere shaped cakes; white, red or blue; put up in strong wood boxes. Weight per gross, 14 lbs. White, per gross \$1.00
- Red, per gross \$5.00
- Blue per gross \$5.00
- Half gross in box.

Chalk  
SCHOOL

- School Crayons; a select grade for school room use; 3 1/2 inches long. Weight per gross, 2 1/4 lbs. \$ 70
- Per gross
- One gross in box.

## RAILROAD



- Railroad Crayons; used by railroads, machinists, mills, coal miners, etc.; enameled on outside; clean to handle; dustless; convenient to carry in the pocket; length 4 inches; diameter 1 inch. Weight per gross, 12 lbs. Per gross \$4.50
- One gross in case.



## WRAPPING PAPER

---

This is a sample of Kraft Paper,  
30 lbs. to the ream of 24 x 36  
inches.

We stock the following sizes in rolls:

Width inches	-	15	18	24
Approximate weight				
per roll, lbs.		25	30	40
Per Pound	-	\$		

*NOTE---Other size rolls, also  
reams, can be supplied  
to order.*



# WRAPPING PAPER

This is a sample of Kraft Paper  
to the to the team of 24 x 30  
ches

The cost of following are in cents

12	18	24	30	36	42	48	54	60	66	72	78	84	90	96	102	108	114	120
12	18	24	30	36	42	48	54	60	66	72	78	84	90	96	102	108	114	120
12	18	24	30	36	42	48	54	60	66	72	78	84	90	96	102	108	114	120
12	18	24	30	36	42	48	54	60	66	72	78	84	90	96	102	108	114	120

NOTE - Other size rolls also  
may be supplied  
to order



## WRAPPING PAPER

---

This is a sample of Kraft Paper,  
40 lbs. to the ream of 24 x 36  
inches.

We stock the following sizes in rolls:

Width inches	-	18	24	30
Approximate weight				
per roll, lbs.		30	40	50
Per Pound	-	\$		

*NOTE---Other size rolls, also  
reams, can be supplied  
to order.*





No. 1016—D  
7 inches  
Per gross



No. 342—Clo  
lead; length  
Per gross



No. 543—Pre  
inches; length  
Per gross



No. 557—Yel  
length; select  
in slide box  
Per gross



No. 572—Beats  
medium grade  
Per gross



No.

Donner: (re)  
per gross 10 li

Naming  
Value  
Grade  
Per gross

Junior: (re)  
per gross 12 li

Blue: (re)  
Per

Standard: (re)  
per gross 10 li

Per gross

Lead and



## Lead Pencils

## RUBBER TIP



No. 1010—Dickens; inserted rubber tip; plain cedar finish; soft black lead; length 7 inches; weight per gross 2 lbs.

Per gross ..... \$4.00



No. 542—Clover; nickel tip with rubber; round; assorted finishes; medium black lead; length 7 1/2 inches; weight per gross 2 1/2 lbs.

Per gross ..... \$7.50



No. 543—Premium; hexagon; nickel tip with rubber; medium black lead; assorted finishes; length 7 1/2 inches; weight per gross 2 1/2 lbs.

Per gross ..... \$8.00



No. 557—Velvet; hexagon; nickel tip with blue band and pink rubber; walnut finish; select black lead; length 7 3/4 inches; weight per gross 2 1/2 lbs; one dozen in slide box.

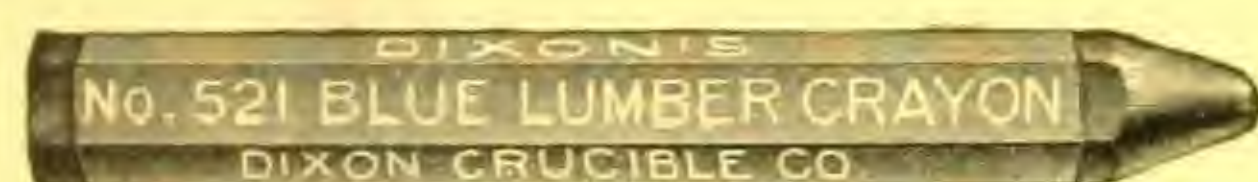
Per gross ..... \$14.00



No. 572—Beats all Junior; small round; red finish; nickel top and grey rubber; medium grade lead; length 6 inches; weight per gross 2 lbs.

Per gross ..... \$6.50

## LUMBER CRAYONS



Dixon's; hexagon; paper covered; diameter 3/2 inch; length 4 1/4 inches; weight per gross 10 lbs.

Number	520	521 1/2	522	365 1/2
Color	Red	Blue	Green	Black
Grade	Medium	soft	medium	soft
Per gross	\$27.60	\$27.60	\$27.60	\$15.60

Jumbo; round; paper covered; diameter 1 inch; length 5 inches; soft grade; weight per gross 32 lbs.

Blue only; Per gross ..... \$48.00

Standard; hexagon; paper covered; diameter 3/2 inch; length 4 1/4 inches; weight per gross 8 1/2 lbs. Blue only.

Per gross ..... \$18.00

Lead and Carpenters pencils packed one dozen in a package, six dozen in a box.

## PLAIN TIP



No. 701—Universal; plain round cedar; black lead; natural finish; length 7 inches; weight per gross 1 3/4 lbs.

Per gross ..... \$3.50



No. 165—Venus; indelible copying lead; glass finish with water mark; length 7 inches; weight per gross 2 3/4 lbs. One dozen in slide box.

Per gross ..... \$18.00



No. 111—Rex; round; red and blue lead; red and blue finish; length 7 inches; weight per gross 3 lbs.

Per gross ..... \$18.00

## CAPENTERS' PENCILS



No. 736—Oval Cedar; polished cedar finish; flat black lead; hard grade; length 7 inches; weight per gross 3 1/4 lbs.

Per gross ..... \$12.00



No. 587—Tortoise Shell; flat octagon shape; tortoise shell finish; black lead; hard grade; length 7 inches; weight per gross 4 1/4 lbs.

Per gross ..... \$14.00



No. 580—Master Mechanic; flat octagon shape; yellow finish with red edges; flat black lead; extra fine quality; length 7 inches; weight per gross 1 1/4 lbs.

Per gross ..... \$14.00

## SLATE PENCILS

Plain round; uniform in size and quality; will not scratch; length 5 inches; diameter 3/2 inch; tapered points; weight per thousand 14 lbs.

5 in a box, Per 1000 ..... \$12.00

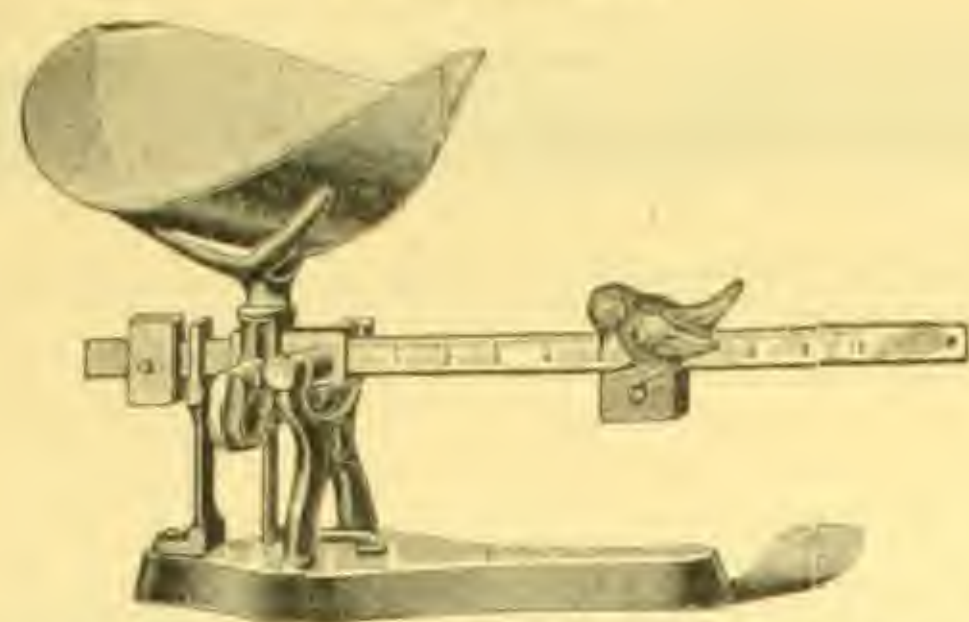
100 in a box, Per 1000 ..... \$6.00

Lumber crayons packed one dozen in a package, six dozen in a box.



## Scales

## HOUSEHOLD



No. 212—Capacity 1 oz. to 10 lbs.; weighs by half ounces; beam marked 10 lbs. in ounces; sliding iron poise; nickel plated beam; strong tin scoop; red and gold finish; all weighing done on beam. Weight each, 10 lbs.  
**Government Stamped. Each** ..... \$8.10  
 One in box.

## POSTAL

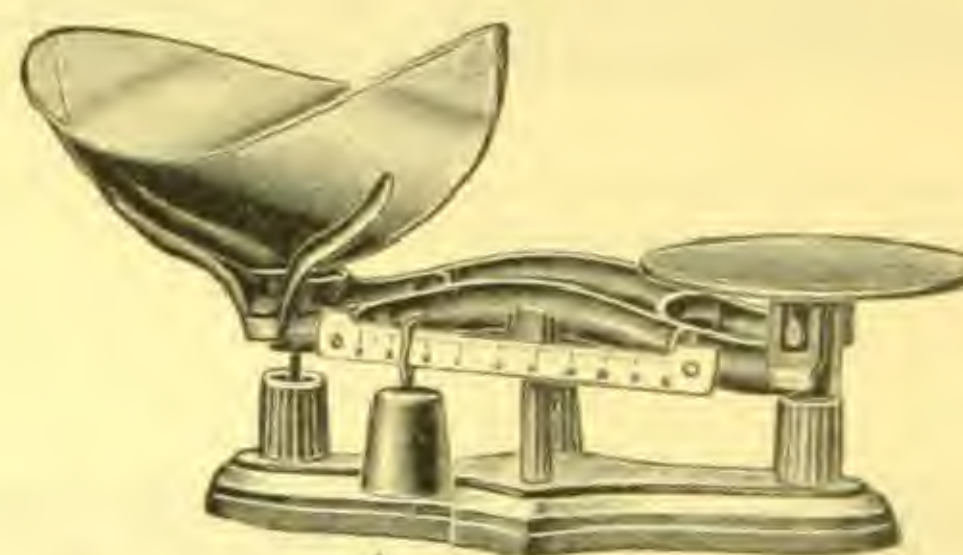


No. 2401—Capacity  $\frac{1}{2}$  oz. to 4 lbs.; 7 inch white enamel dial with glass; sheet steel frame; black and gold finish; height over all  $9\frac{1}{4}$  inches; platform 6 inches square. Weight each, 3 lbs. **Each** ..... \$6.50  
 One in carton.

## EVEN BALANCE



No. 214—Capacity  $\frac{1}{2}$  oz. to 25 lbs.; weighs by half ounces; brass beam marked to 3 lbs. in  $\frac{1}{2}$  ounces; extra weights supplied, two 8 lb., one 4 lb. and one 2 lb.; strong tin scoop; black and gold finish. Weight each, 13 lbs.  
**Government Stamped. Each** ..... \$10.10  
 One in box.



Notched Brass Side Beam; Iron Weights and Poise; Beam marked to 1 lb. by  $\frac{1}{2}$  ounces; tin scoop  $5\frac{1}{2}$  x  $2\frac{1}{2}$  inches; height 8 inches.  

Numbers	3	5
Capacity, lbs.	1	10
Weight, lbs.	20	40

**Government Stamped. Each** ..... \$10.40 12.80  
 One in box.

## COUNTER



No. 8—Capacity  $\frac{1}{2}$  oz. to 240 lbs.; Tin Scoop; Single Brass Beam; Japanned Cast Iron Platform; weighs 30 lbs. in scoop, 240 lbs. on Platform, in half ounces; upper row figures on beam indicate weight on scoop in half ounces to 5 lbs.; lower row indicates weight on platform from  $\frac{1}{4}$  lb. to 44 lbs.; three weights with each scale; one, the actual weight of which is  $\frac{3}{4}$  lbs., indicates in scoop 5 lbs. and on platform 40 lbs., and two,  $1\frac{1}{2}$  lb. weights which indicate in scoop 10 lbs. each and on platform 80 lbs. each; size platform 10 x  $13\frac{1}{2}$  inches. Weight each, 47 lbs.  
**Government Stamped. Each** ..... \$21.60  
 One in box.

## PLATFORM



CHAMPION PLATFORM SCALE: Single brass notched beam; heavy black pattern frame; mounted on heavy cast iron wheels, wood parts painted green; metal parts finished in Japan.

Number	10	13	15	16
Style	Regular	Regular	Regular	Drop lever
Capacity, lbs.	600	1,200	2,000	2,000
Graduation on beam, lbs.	$\frac{1}{4}$ to 50	$\frac{1}{2}$ to 100	$\frac{1}{2}$ to 100	$\frac{1}{2}$ to 100
Platform, inches	16 x 22	17 x 26	24 x 30	24 x 30
Weight each, lbs.	165	200	300	310
<b>Government Stamped. Each</b>	<b>\$56.00</b>	<b>67.10</b>	<b>95.90</b>	<b>103.30</b>

One in box.



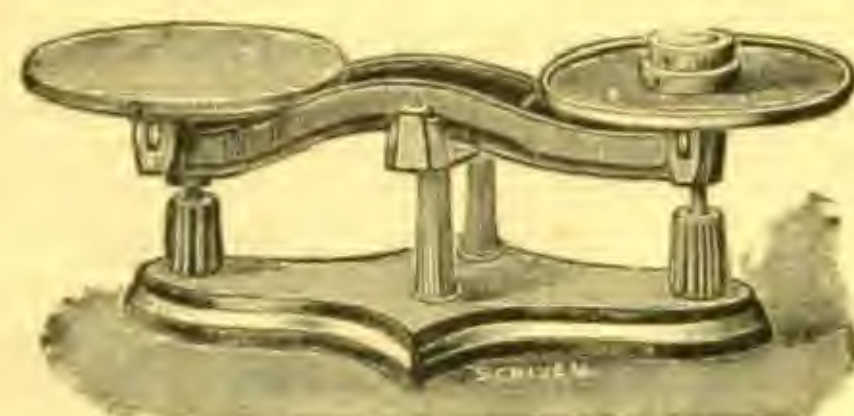
# Scales

## CONFECTIONERY



No. 149 A.—Capacity  $\frac{1}{4}$  oz. to 6 lbs.; iron weights; nickel plated side beam; nickel plated brass scoop resting on rubber bearings; base and frame finished in hack japan with ornamental designs; weight each 25 lbs.  
Government stamped. Each..... \$20.25  
One in a box.

## LOBSTER



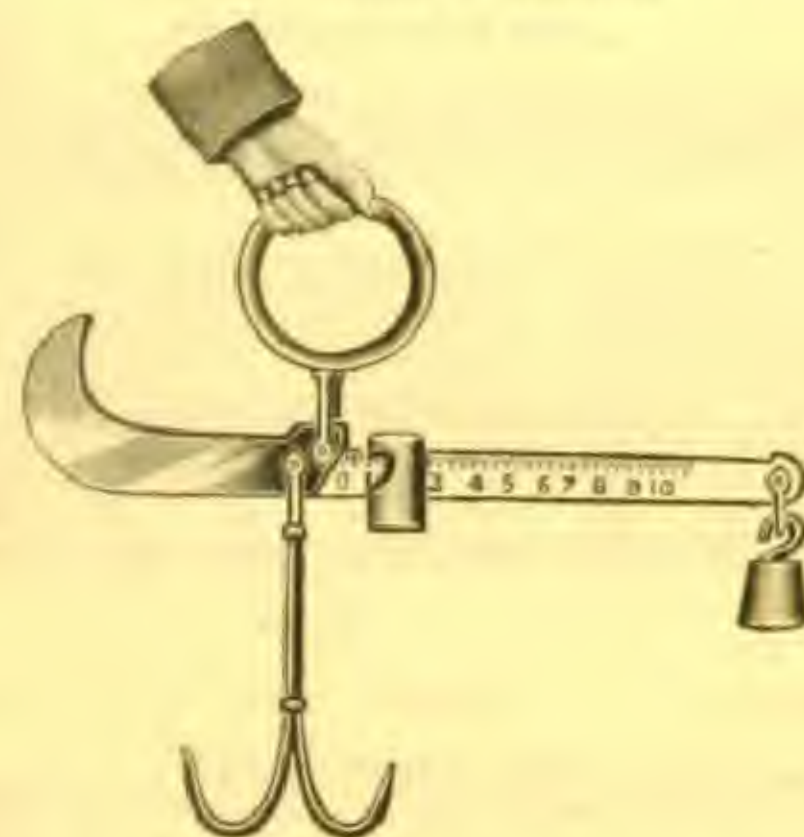
No. 20.—Capacity 4 lbs.; without weights; japanned and decorated; hardened bearings; cast frame and base; weight each 20 lbs.  
Government stamped. Each..... \$7.15  
One in a box.

## NURSERY



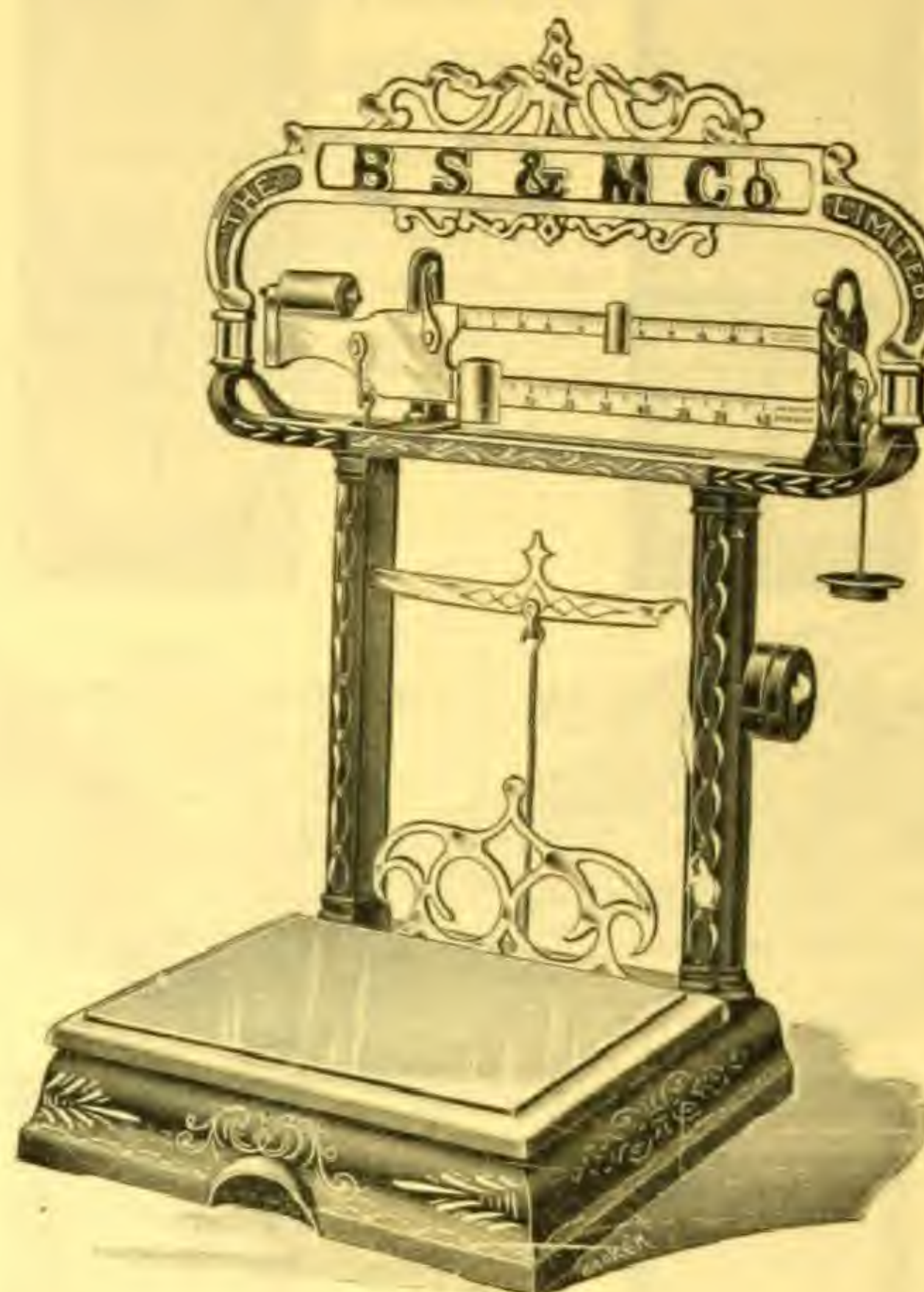
No. 243.—Capacity 24 lbs.; double beam and sliding poises, both nickel plated; front beam marked 1 oz to 8 lbs; rear shows 8 and 16 lbs; basket is strongly fastened to the steel plate; base and basket finished in white enamel; weight each 25 lbs.  
Government stamped. Each..... \$41.50  
One in a box.

## BUTCHER'S BEAM



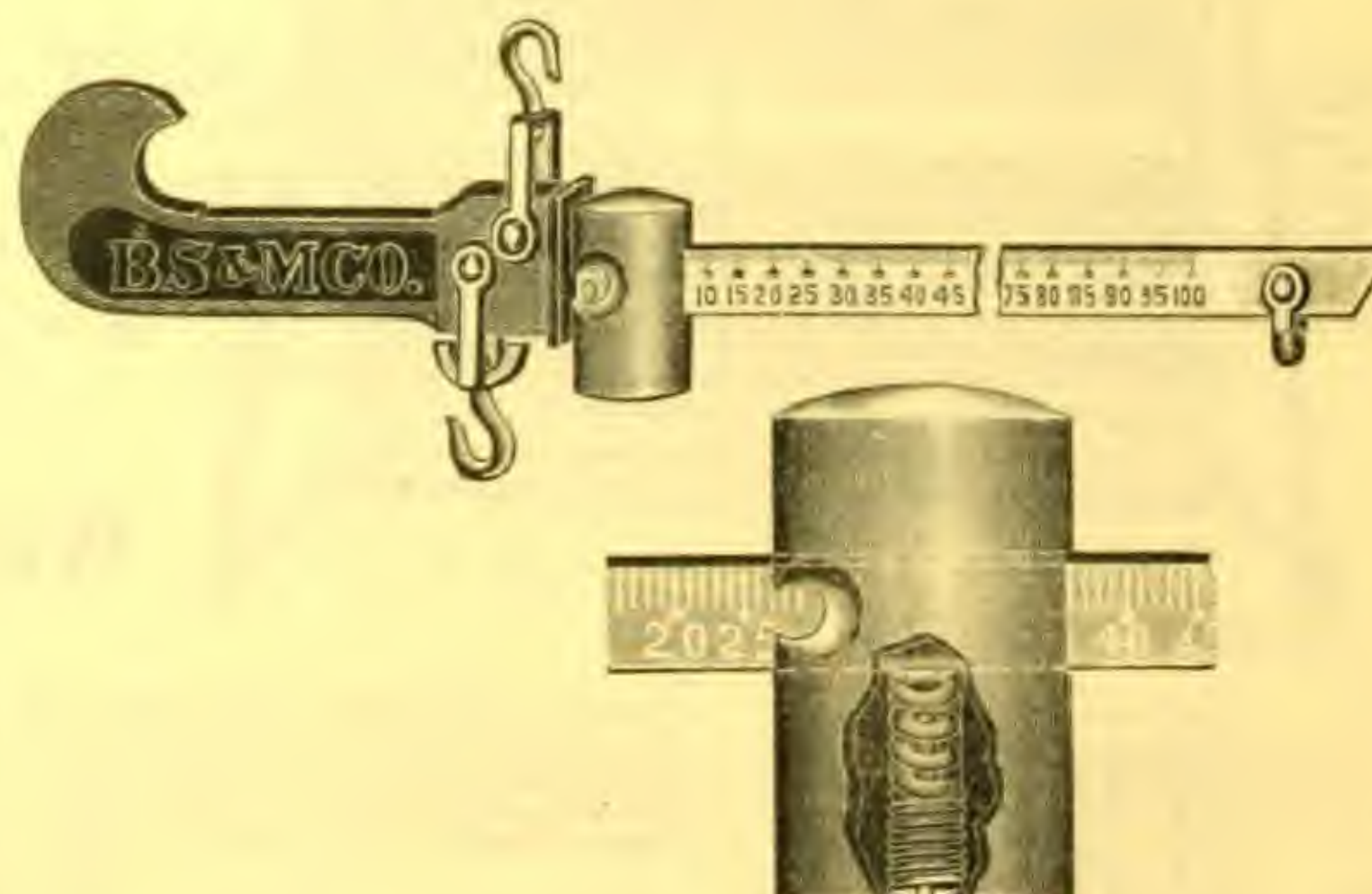
No. 270.—Capacity 30 lbs including two 10 lbs weights; brass beam; brass sliding poise; weight each  $7\frac{1}{2}$  lbs.  
Government stamped. Each..... \$16.65  
No. 271.—Capacity 50 lbs; including two 20 lbs and two 10 lbs weights; brass beam and brass sliding poise; weight each 8 lbs.  
Government stamped. Each..... \$17.70  
One in a box.

## COUNTER



No. 254.—Capacity 1 oz to 100 lbs; beam capacity 1 oz to 50 lbs; nickel plated brass beams with sliding poise; fitted with cut off lever; iron platform polished and nickel plated; size of platform 12 x 15 inches; ornamental top above beam and guard at rear of platform are nickel plated; enamelled in red with gold decorations; weight each 100 lbs.  
Government stamped. Each..... \$60.20  
One in a box.

## WEIGH BEAM



No. 281.—Capacity  $\frac{1}{2}$  to 150 lbs including two 50 lbs weights; steel beam; sliding poise with tension spring as shown in lower illustration; weight each 19 lbs.  
Government stamped. Each..... \$11.40  
No. 283.—Capacity  $\frac{1}{2}$  to 250 lbs; including two 50 lbs and one 100 lbs weight; weight each 23 lbs; otherwise as above.  
Government stamped. Each..... \$12.40  
Open stock.



## Screen Doors



**No. 20**  
Three Panel; 4 inch Stiles;  $\frac{7}{8}$  inch Thick; kiln dried pine; grained quartered oak finish.  
Width... 2ft.6in. 2ft.8in. 2ft.10in.  
Height... 6ft.6in. 6ft.8in. 6ft.10in.  
Weight per dozen, lbs. 163 183 198  
Per dozen ..... \$37.80  
Half dozen in crate.



**No. 32**  
Three Panel; 4 inch Stiles;  $\frac{7}{8}$  inch Thick; selected kiln dried pine; grained quartered oak finish.  
Width... 2ft.6in. 2ft.8in. 2ft.10in.  
Height... 6ft.6in. 6ft.8in. 6ft.10in.  
Weight per dozen, lbs. 178 185 210  
Per dozen ..... \$45.20  
Half dozen in crate.



**No. 40**  
Three Panel; 4 inch Stiles;  $\frac{7}{8}$  inch Thick; selected kiln dried pine; grained quartered oak finish.  
Width... 2ft.8in. 2ft.10in. 3ft.  
Height... 6ft.8in. 6ft.10in. 7ft.  
Weight per dozen, lbs. 231 243 255  
Per dozen ..... \$49.60  
Half dozen in crate.

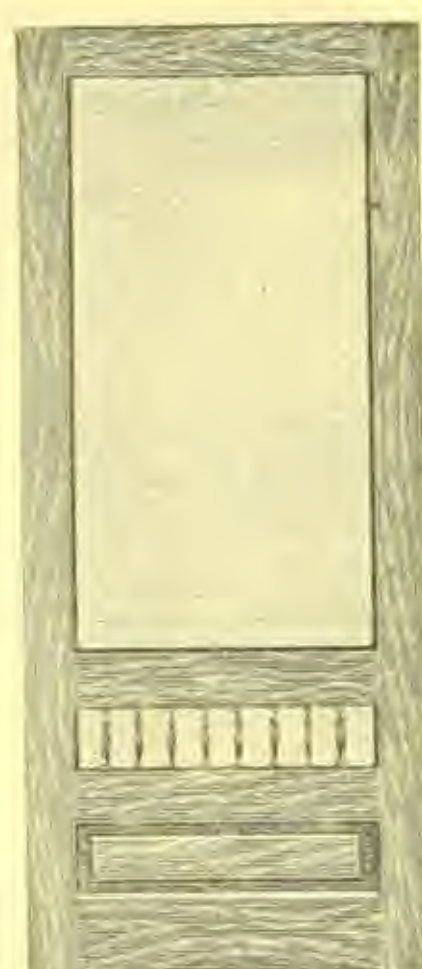


**No. 60**  
Selected Pine; 4 inch Stiles;  $\frac{7}{8}$  inch Thick; grained quartered oak finish and varnished.  
Width... 2ft. 8 in. 2 ft. 10 in. 3 ft.  
Height... 6 ft. 8 in. 6 ft. 10 in. 7 ft.  
Weight per doz. lbs. 221 233 244  
Per dozen ..... \$61.60  
Half dozen in crate.

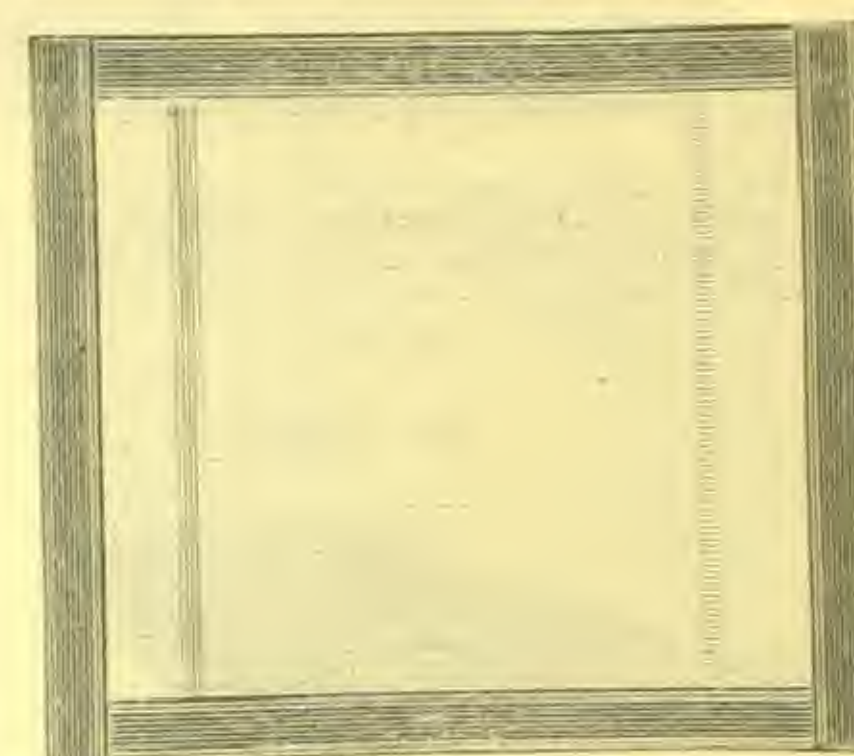
## WINDOW SCREENS



**No. 48**  
Selected Pine; 4 inch Stiles;  $\frac{7}{8}$  inch Thick; grained quartered oak finish and varnished.  
Width... 2ft.8in. 2ft.10in. 3ft.  
Height... 6ft.8in. 6ft.10in. 7ft.  
Weight per dozen, lbs. 226 238 250  
Per dozen ..... \$55.00  
Half dozen in crate.



**No. 68**  
Extra Selected Clear Kiln Dried Pine; 4 inch Stiles;  $\frac{7}{8}$  inch Thick; grained quartered oak finish, filled and varnished.  
Width... 2ft.8in. 2ft.10in. 3ft.  
Height... 6ft.8in. 6ft.10in. 7ft.  
Weight per dozen, lbs. 276 288 300  
Per dozen ..... \$63.40  
Half dozen in crate.



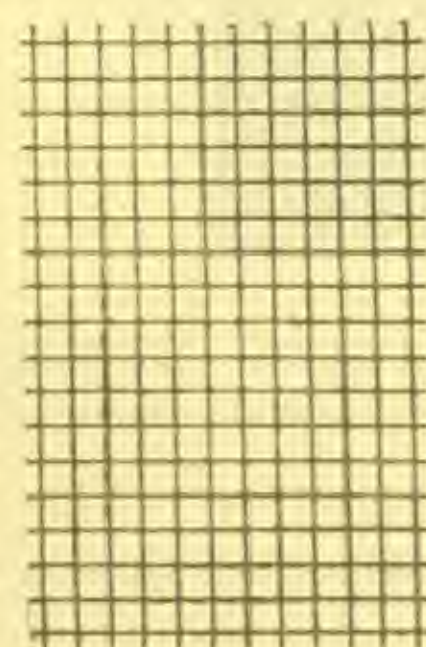
Perfect Adjustable; selected hardwood, finished in oil, edges of wire cloth entirely covered with wood; angle irons turned down to hug wire cloth closely; no space for flies to enter; only best grade of wire cloth used; cloth securely fastened to frame; angle irons painted black to match cloth; frames double dovetailed; easily adjustable; extra long extension.

Numbers...	1	2	3	5	6	7	9	10	12	13	15	17
Height, ins.	10	10	10	14	14	14	14	18	18	18	22	24
Width closed inches...	18	22	26	18	22	26	34	18	22	26	26	34
Width open inches...	28	36	44	28	36	44	60	28	36	44	44	60
Weight per dozen, lbs.	20	24	28	27	31	35	50	32	36	45	38	50
Per dozen \$	6.30	7.20	8.40	7.80	8.80	10.30	13.10	9.10	10.70	12.60	14.70	19.70

One dozen in a bundle.

## Wire Cloth

## SCREEN WIRE CLOTH



**BLACK OR GREEN**—Made from No. 33 Steel Wire; japanned; 12x12 meshes per inch; double selvage; loops turned on both ends to prevent raveling.

Width, inches	18	20	22	24	26	28	30	32	34	36	38	40	42	48
Weight per roll, lbs.	15	17	19	21	23	25	27	29	31	33	35	37	39	45
Square feet in roll	150	166	183	200	216	233	250	266	283	300	316	333	350	400

Per 100 square feet, all widths ..... \$5.30

Note—Price is per 100 square feet and not by the roll.

**GALVANIZED**—Made from No. 33 Wire; 14x14 meshes per inch; rustless; indestructible; requires no paint.

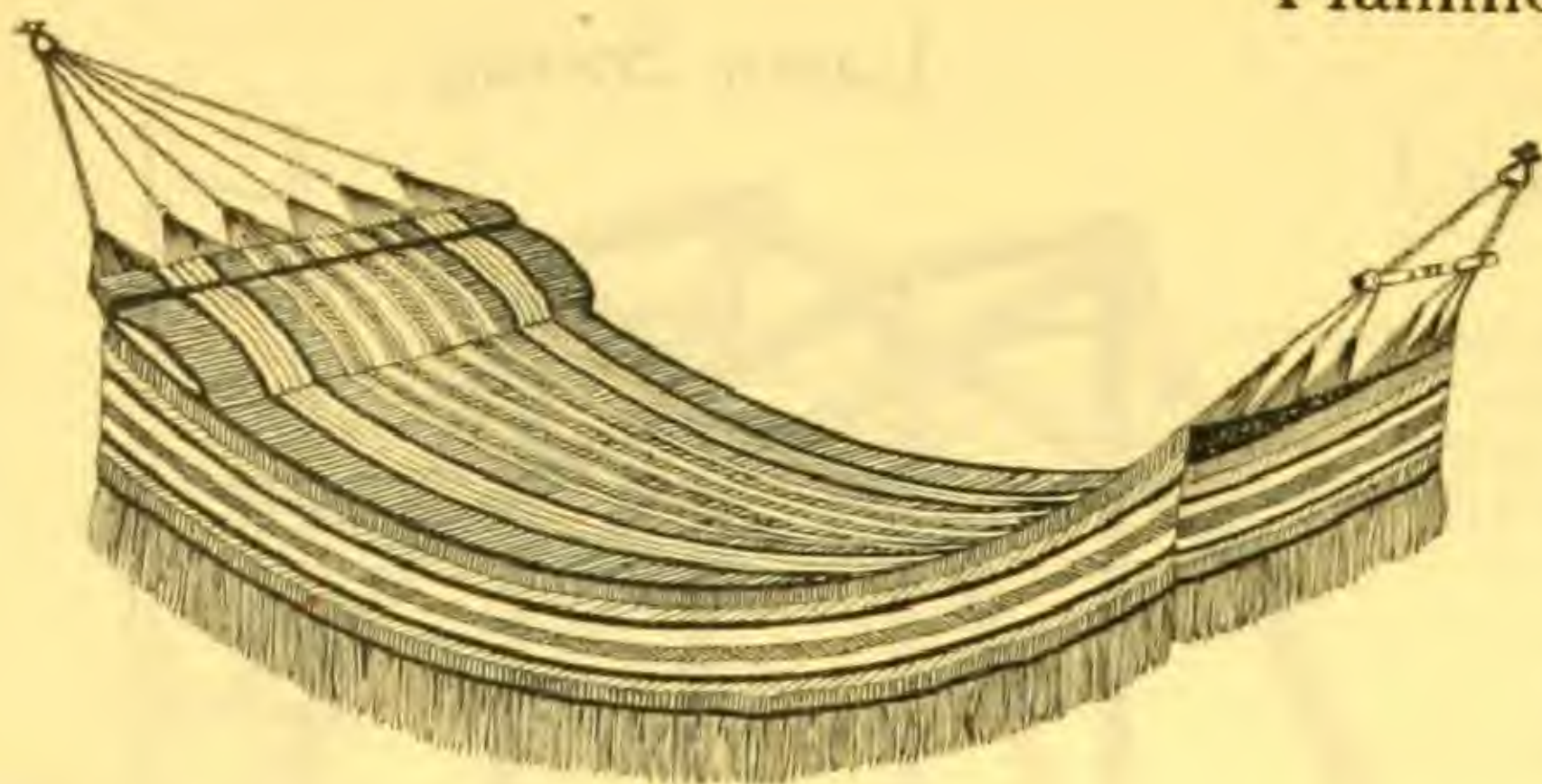
Width, inches	28	30	32	36
Weight per roll, lbs.	25	27	29	33
Square feet in roll	233	250	266	300

Per 100 square feet, all widths ..... \$7.50

Note—Price is per 100 square feet and not by the roll.



# Hammocks



Nos. 27-28-30-33

- No. 27—Fancy stripe pattern, rib weave, plain pillow no valance, concealed head spreader with Japanned clips and fancy foot spreader. Made in two attractive colors.  
Size 32 x 72 inches; weight each 3½ lbs. . . . . Each \$4.50
- No. 28—Fancy stripe pattern, plain pillow with valance, concealed head spreader with Japanned Clips and fancy foot spreader. Made in two attractive colors.  
Size 33 x 70 inches; weight each 3½ lbs. . . . . Each \$5.50
- No. 30—Fancy stripe pattern, plain pillow with valance. Concealed head spreader with Japanned Clips and fancy foot spreader. Made in two colors.  
Size 33 x 70 inches; weight each 3½ lbs. . . . . Each \$6.50
- No. 33—Fancy stripe pattern, heavy rib weave, plain tufted pillow and valance. Concealed head spreader and Japanned Clips, with fancy foot spreader. Made in two attractive colors.  
Size 32 x 74 inches; weight each 3½ lbs. . . . . Each \$7.50



Nos. 34-36-38

- No. 34—Jacquard weave pattern. Tufted throwback pillow with valance. Concealed head spreader with Japanned clips and fancy foot spreader. Colors red and green predominating.  
Size 34 x 76 inches; weight each 4¼ lbs. . . . . Each \$ 8.00
- No. 36—Heavy Jacquard weave, tufted throwback pillow with valance. Concealed head spreader with Japanned clips, and fancy foot spreader.  
Size 33 x 78 inches; weight each 5 lbs. . . . . Each \$ 9.00
- No. 38—Fancy stripe Jacquard pattern, tufted throwback pillow with valance. Concealed head spreader with Japanned clips, and fancy foot spreader. Made in two very attractive colors.  
Size 36 x 78 inches; weight each 5 lbs. . . . . Each \$10.00



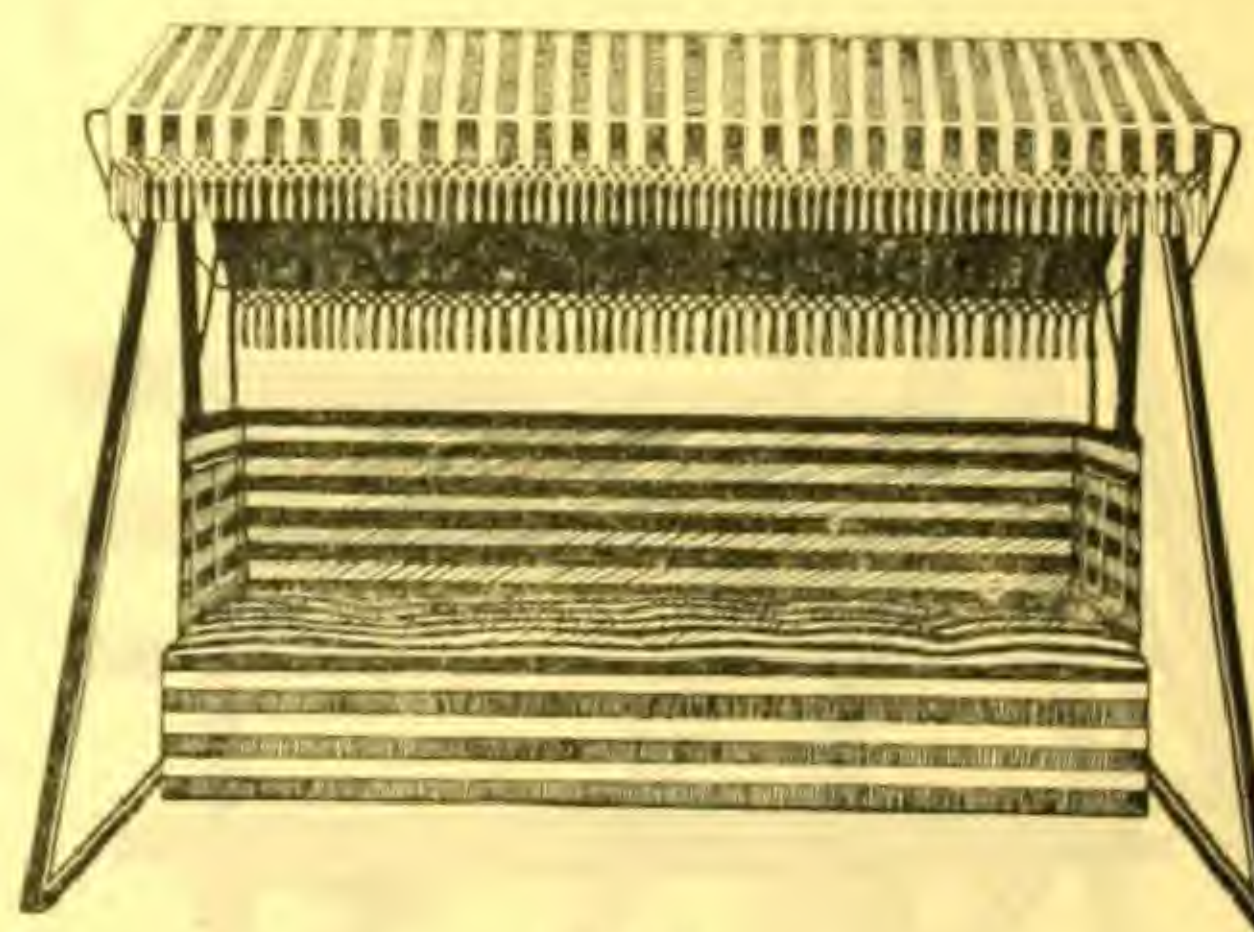
No. 40

- No. 40—Extra heavy Jacquard weave in medallion pattern. Large tufted throwback pillow with wide valance. Exposed spreader with fancy turned knobs and fancy foot spreader.  
Size 36 x 80 inches; weight each 6½ lbs. . . . . Each \$13.00



BABY

- No. 24—Semicircle Baby Hammocks, colors: Green, red and yellow.  
Size, 14 x 40 inches; weight each 5 lbs. . . . . Each \$3.00
- No. 25—Plain design. Good heavy Jacquard weave. Iron rod top and bottom. Strung so that baby cannot possibly fall out.  
Size 14 x 40 inches; weight each 7 lbs. . . . . Each \$5.50



COUCH

- No. 10—Couch Hammock. Angle iron frame, 26 x 72, galvanized wire fabric spring with helical coil springs at sides and ends. Covered with an 8oz. unfilled closely woven Duck, in three color combinations. "A" green and white stripe, "B" green and khaki stripe and "C" plain khaki. Weight each 89 lbs.  
Each . . . . . \$25.00
- No. 13—Couch Hammock. Angle iron frame 26 x 72, galvanized wire fabric spring with helical coil springs at sides and ends. This Couch has adjustable upholstered back, and reclining head rest; the covering is in cotton duck same quality and colorings as No. 10.  
Each . . . . . \$45.00
- Stand; angle iron stands for above couch hammocks japanned finish; weight each 38 lbs.  
Each . . . . . \$ 7.50
- Canopy; cotton duck canopies for above couch hammocks; colorings to match; weight each 10 lbs.  
Each . . . . . \$ 8.00



## Lawn Chairs

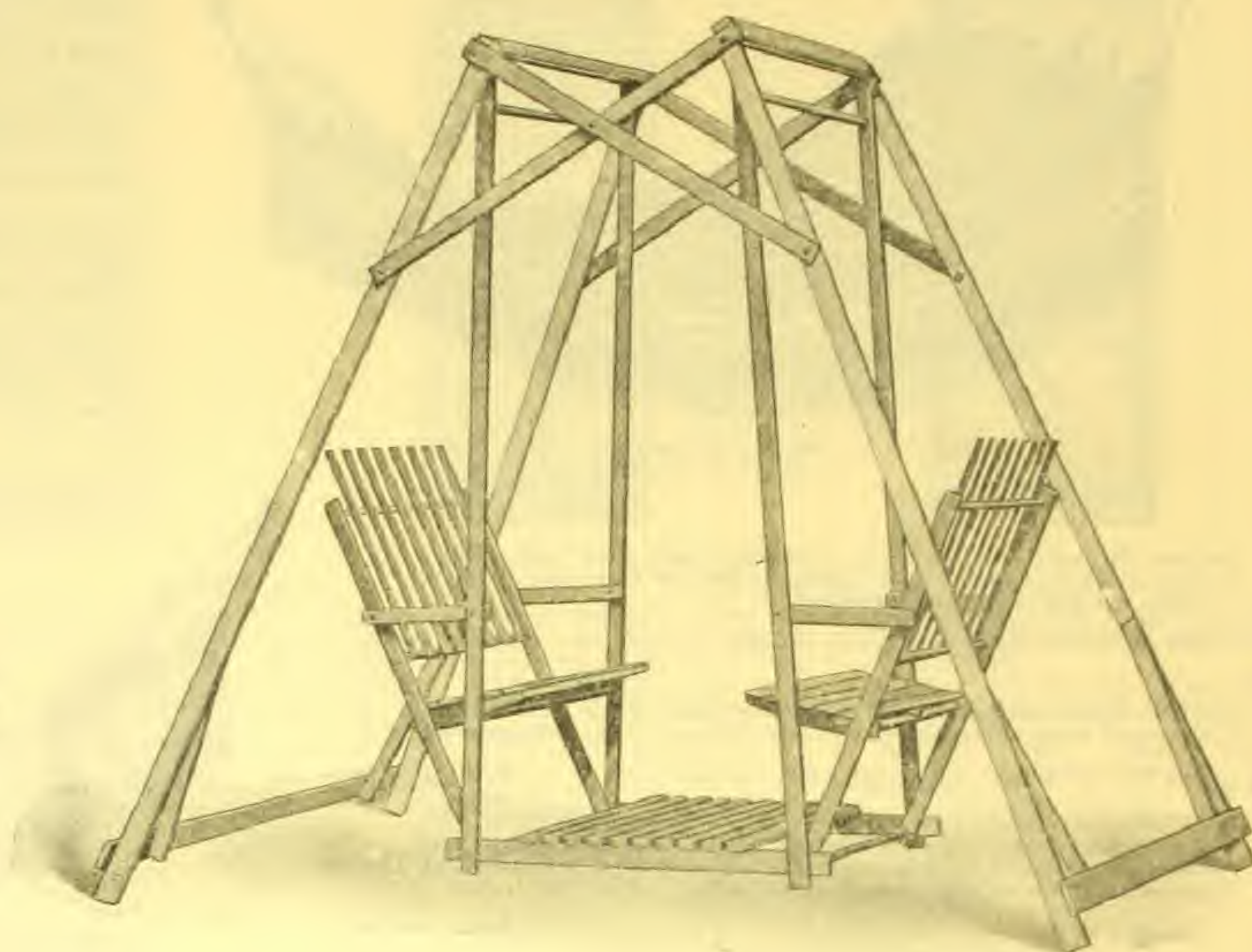


No. 16—Hardwood frame; adjusts to four positions; heavy duck of mixed colors is used for the seat; folds flat for packing; varnished finish; weight each 12½ lbs.

Each ..... \$ 4.50

Six in a bundle.

## Lawn Swing



Ontario; four passenger; hardwood throughout; well braced; rigid construction; nicely finished; frame painted green; balance natural finish; height 8 feet; weight each 125 lbs.

Each ..... \$17.00

Open stock.

## Lawn Seats

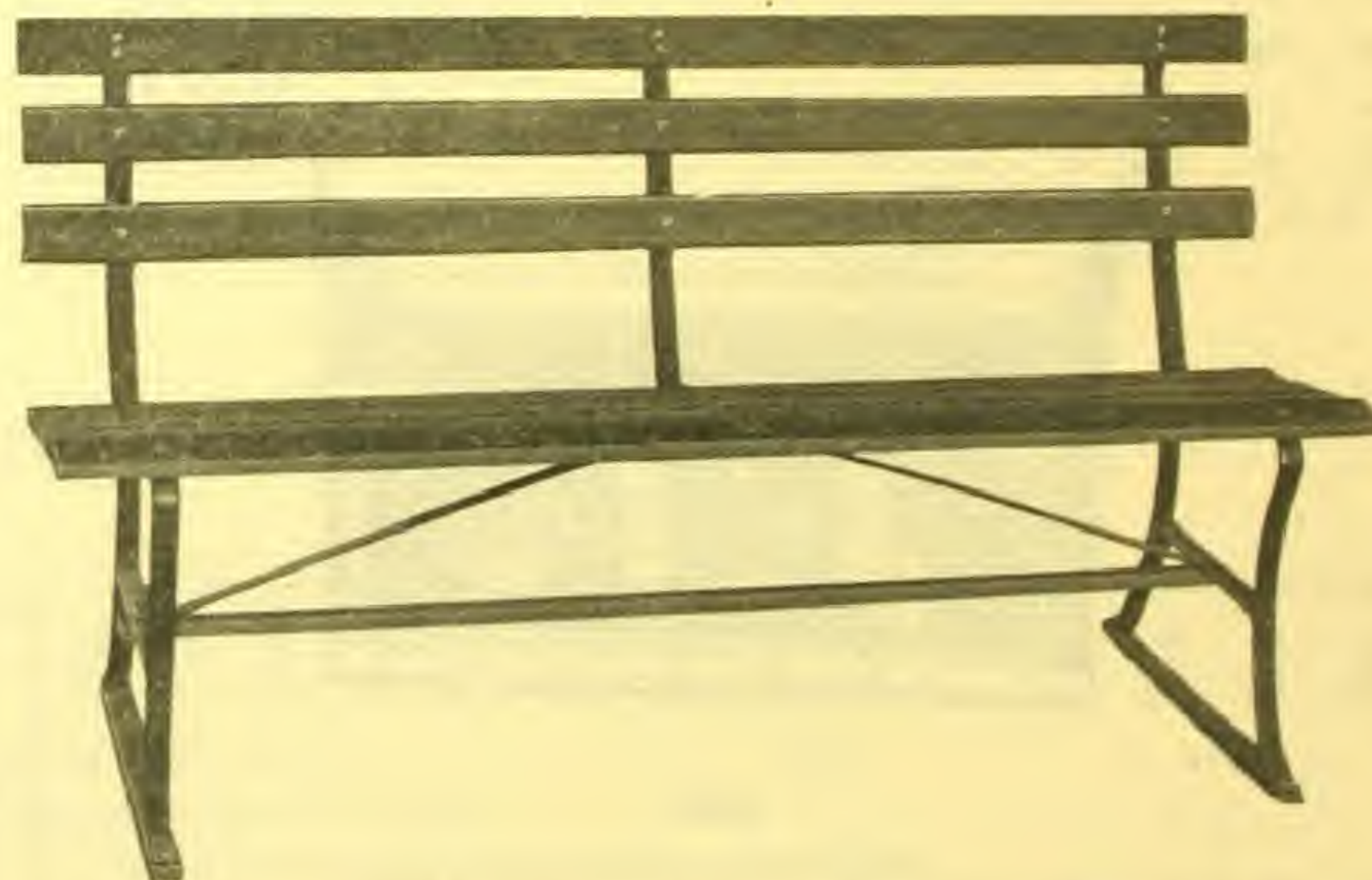


No. 0—Hardwood frame and slats; slats are screwed to the frame; painted green finish; strong and steady; length 3½ feet; weight each 18½ lbs.

Each ..... \$ 4.00

Two in a bundle.

## Park Seats



No. 8—Hardwood slats; steel legs and frame; slats are bolted to the frame; well braced and very rigid; painted green finish; length 6 feet; weight each 56 lbs.

Each ..... \$11.00

One in a bundle.



# Ladders

Extension ladders; made from selected straight grain B. C. Fir with Rock Elm rungs; the sides are reinforced with a galvanized steel wire running the full length of each riser properly embedded in the material and securely fastened. Strong malleable hooks as shown in cut are used. The prices below are for ladders complete with ropes etc., two sections.

Length, feet	20	24	28	30	32	36	40
Weight, lbs	10	48	56	60	64	72	80
Per foot	\$ 64			72			72

One in a bundle.

Single ladders; made of the same material as the extension ladders listed above and sold in single sections without hooks or ropes.

Length, feet	14	16
Weight, lbs	19	22
Per foot	\$ 54	54

Three in a bundle.



EXTENSION



SINGLE



SHELF-LOCK

Shelf-Lock step ladders; made of B. C. Fir; galvanized steel ears fasten legs and risers to the top; shelf rest acts as a lock and also as a pail shelf. Stock lengths 4, 5, 6, and 7 foot, weight per foot  $3\frac{1}{2}$  lbs.

Per foot	\$ .60
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Two in a bundle.



FAULTLESS

Faultless Step Ladders; made of select B.C. Fir; galvanized steel ears fasten top to legs and risers; each step is supported by an iron rod with large washers on each end; the pail rests act as a lock when open; stock lengths 6, 7, 8, 9, 10, and 12 foot. Weight per foot 4 lbs.

Per foot	\$ .92
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Two in a bundle.



ONTARIO

Ontario Step Ladders; made of select B. C. Fir; galvanized steel ears connect top with the legs and risers; a supporting rod is used underneath every other step with large washers on each end; the pail rest acts as a lock when open; stock lengths 6, 7, 8, 9, and 10 foot, weight per foot  $3\frac{1}{4}$  lbs.

Per foot	\$ .66
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Two in a bundle.



## PETROLEUM FAUCETS

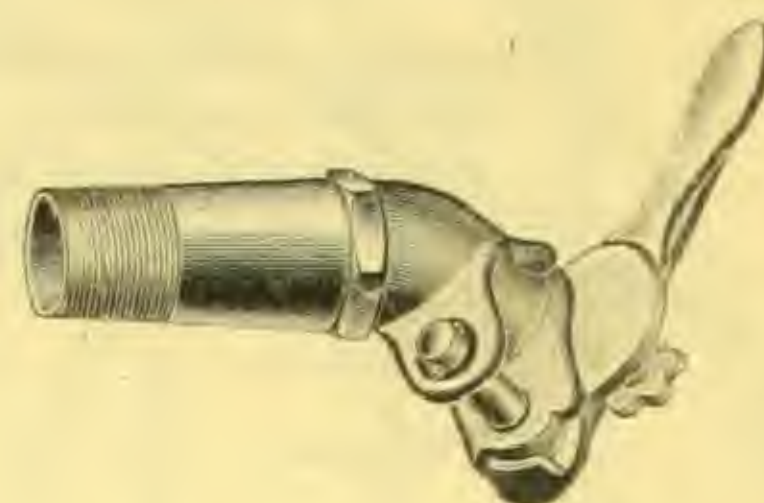


No. 158—Cast Iron; Brass Key; For Wood; lever handle; screw shank; japanned finish.

Inside Diameter, inches	1/2	3/4	1	1 1/4
Length, inches	6	6 1/2	7	7 1/2
Weight per dozen, lbs.	14	17	21	26
Per dozen	\$25.00	28.00	29.50	36.00

Quarter dozen in box.

## STEBBINS' MOLASSES GATES



Stebbin's Patent; taper shank; threaded for wood; japanned iron; polished face and cut-off.

Size, Numbers	2	3	4	5
Inside diameter, inches	1 1/2	1 3/4	2	2 1/2
Weight per dozen, lbs.	15	20	25	32
Per dozen	\$9.60	10.80	12.00	14.40

Half dozen in box.

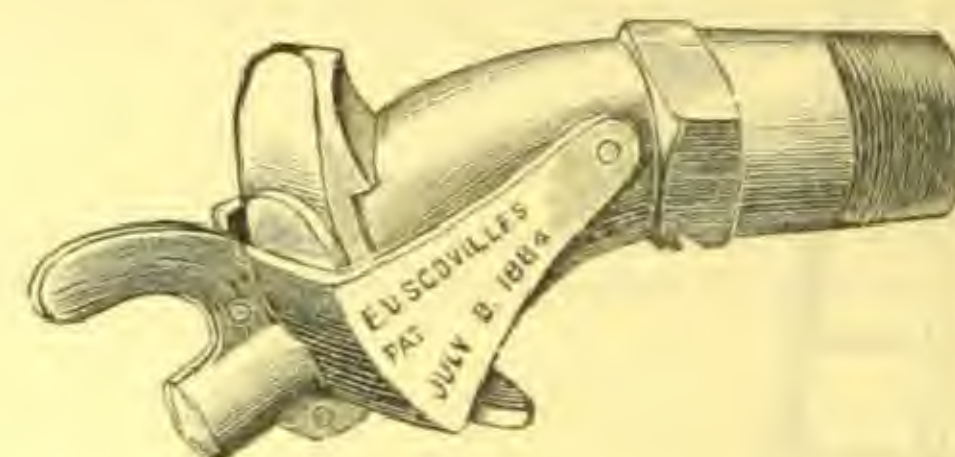
## LOCK FAST OIL GATES



Lock Fast; pipe thread; for gasoline or oil drums; inside diameter 3/4 inch; japanned finish; padlock can be applied as shown above but are not supplied unless specified on the orders; weight per dozen 16 1/2 lbs. Per dozen \$18.00

Half dozen in a box.

## PERFECTION OIL GATES



Perfection; For Wood; taper shank; threaded; japanned iron; polished face and cut-off.

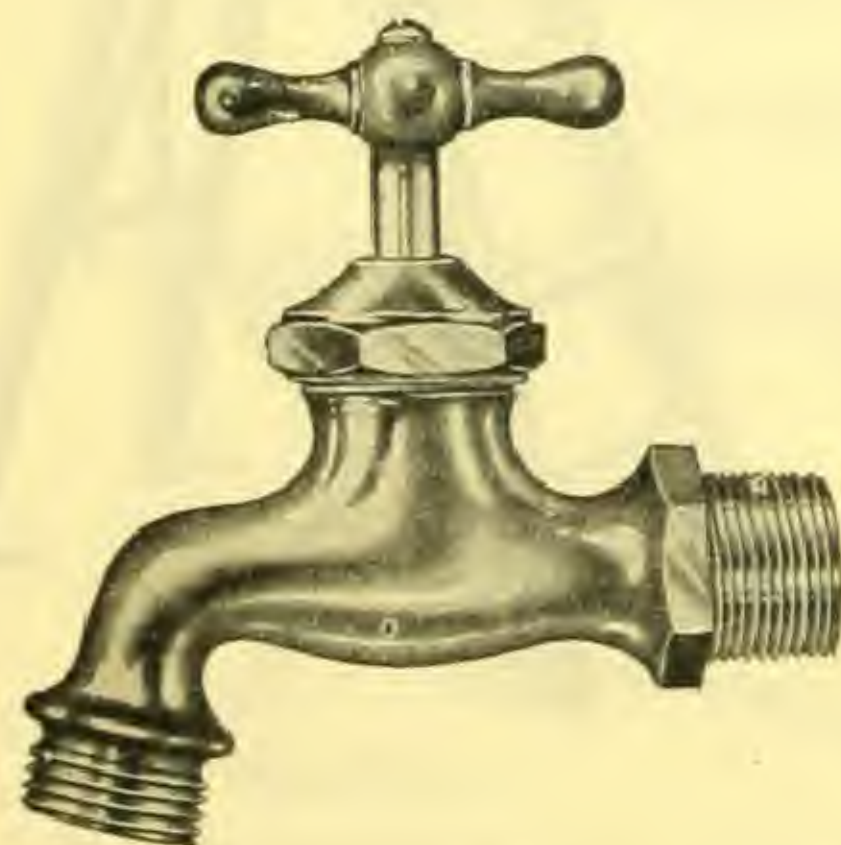
Size, Numbers	50	51	52	53	54	55
Inside diameter, inches	1 1/2	1 3/4	2	2 1/4	2 1/2	2 3/4
Weight per dozen, lbs.	12 1/2	15	18	23	30	39
Per dozen	\$12.00	14.00	16.00	18.50	20.00	30.00

Perfection; For Iron; Pipe Thread; japanned iron; polished face and cut-off.

Size, Numbers	71	72	73	74	75
Pipe thread, inches	1 1/2	1 3/4	2	2 1/4	2 1/2
Weight per dozen, lbs.	15	18	23	30	39
Per dozen	\$15.40	17.60	20.40	24.00	35.00

Half dozen in box.

## COMPRESSION BIBBS



No. 203—For Iron Pipe, Hose end:

Size, inches	1/2	3/4	1
Weight per dozen, lbs.	10	13	16
Brass Finish, per dozen	\$22.80	28.20	36.00
Nickel Finish, per dozen	\$26.40	31.80	40.20

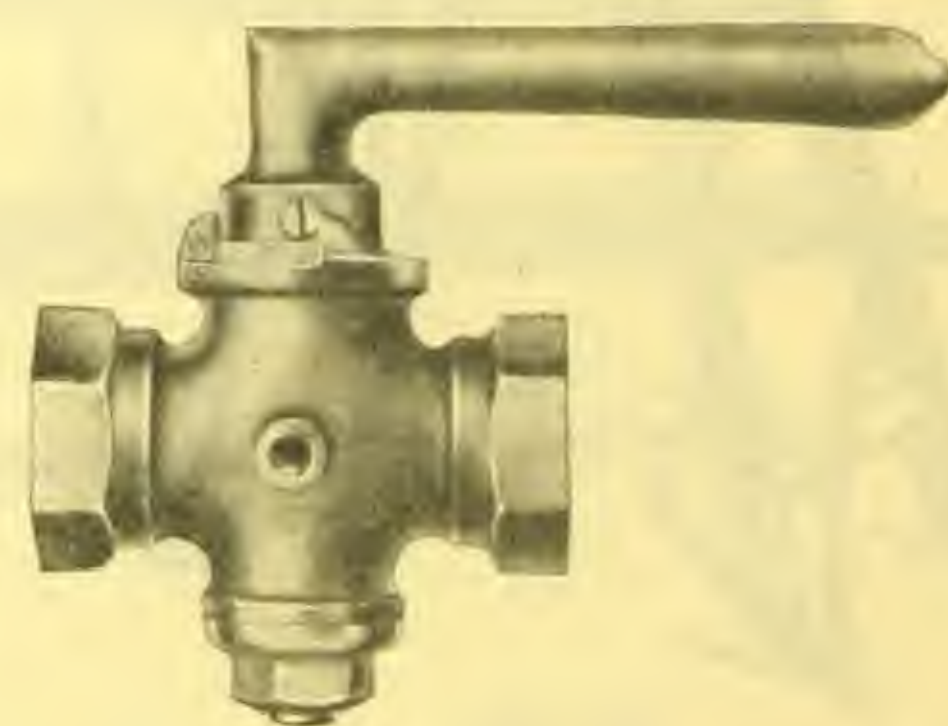
Half dozen in box.

No. 201—For Iron Pipe, Plain End:

Size, inches	1/2	3/4	1
Weight per dozen, lbs.	10	12	15
Brass Finish, per dozen	\$19.80	25.20	33.00
Nickel Finish, per dozen	\$23.40	28.80	37.20

Half dozen in box.

## STOP and WASTE COCKS



For Iron Pipe; Flat Way; Rough Brass Finish:

Size, inches	1/2	3/4	1
Weight per dozen, lbs.	10	13	16
No. 613—Lever handle, per doz.	\$19.00	32.20	47.50
No. 612—Tee handle, per doz.	\$19.00	32.20	47.50

Half dozen in box.



# Faucets



Redlich Pattern; Rock Maple; cork lined and boiled in oil.

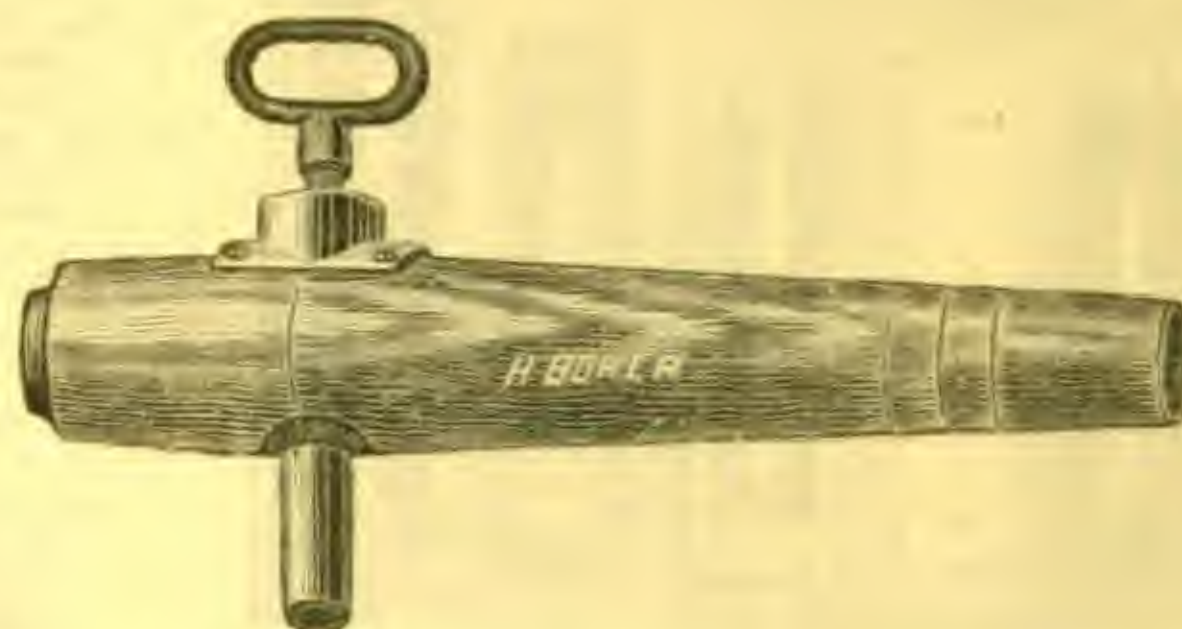
Size, Number	2	4	6	8
Length, inches	7	8	9	10
Weight per dozen, lbs.	2 1/2	3	3 3/4	4 1/2
Per dozen	\$3.60	4.80	6.00	7.20

Open Stock.

Duplex Pattern; Rock maple; leather lined; block tin key.

Size, Number	7	8	10
Length, inches	7	8	10
Weight per dozen, lbs.	3	4	5
Per dozen	\$7.70	8.80	10.50

Open Stock.



No. 6999.—Fast Key; hard maple; stained red and polished; cork lined; non-corrosive key.

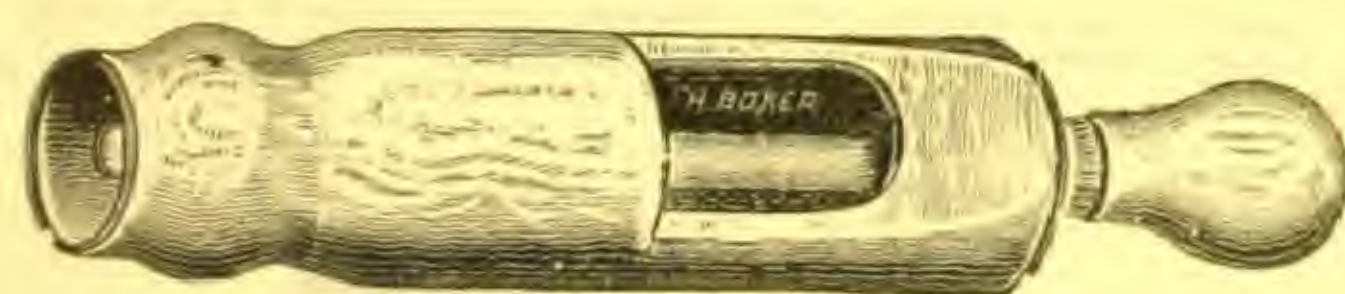
Length, inches	8	8 1/2
Weight per dozen, lbs.	3	3 1/2
Per dozen	\$4.40	\$5.00

Half dozen in a package.

No. 6997.—Loose Key; hard maple; stained red and polished; cork lined; non-corrosive key.

Length, inches	8	8 1/2
Weight per dozen, lbs.	3	3 1/2
Per dozen	\$5.00	\$5.40

## BOTTLE CORKERS



No. 6903.—Hard Maple; turned and highly polished; hardwood plunger; diameter of cork outlet 3/4 inch; length over all 12 1/2 inches; weight per

dozen 8 1/2 lbs. Per dozen \$13.00

One dozen in a package.

## RACKING COCKS

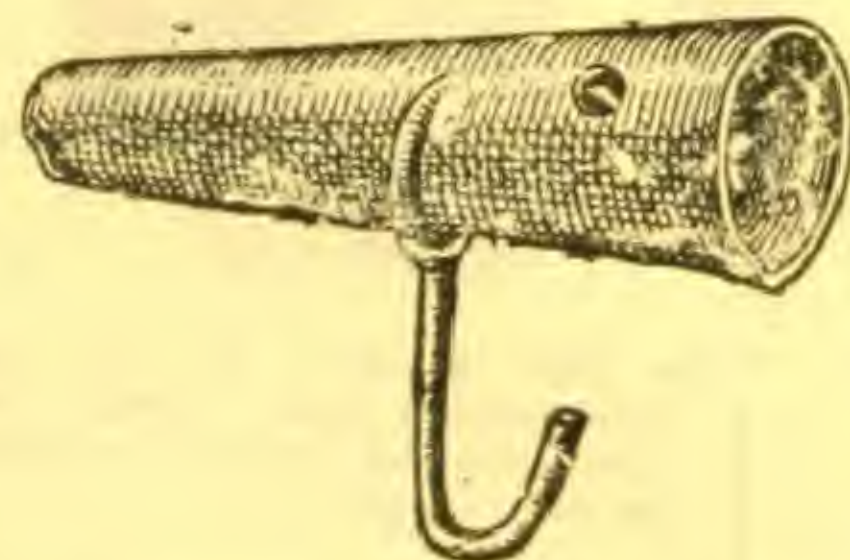


No. 2833.—Cast Brass; Ground Key; Riveted Bottom; drive pattern; polished finish.

Size, inches	1 1/2	3 1/4
Length, inches	5 1/4	6 1/2
Weight per dozen, lbs.	9	10
Fast Key. Per dozen	\$18.00	30.00

One dozen in box.

## SAP SPOUTS

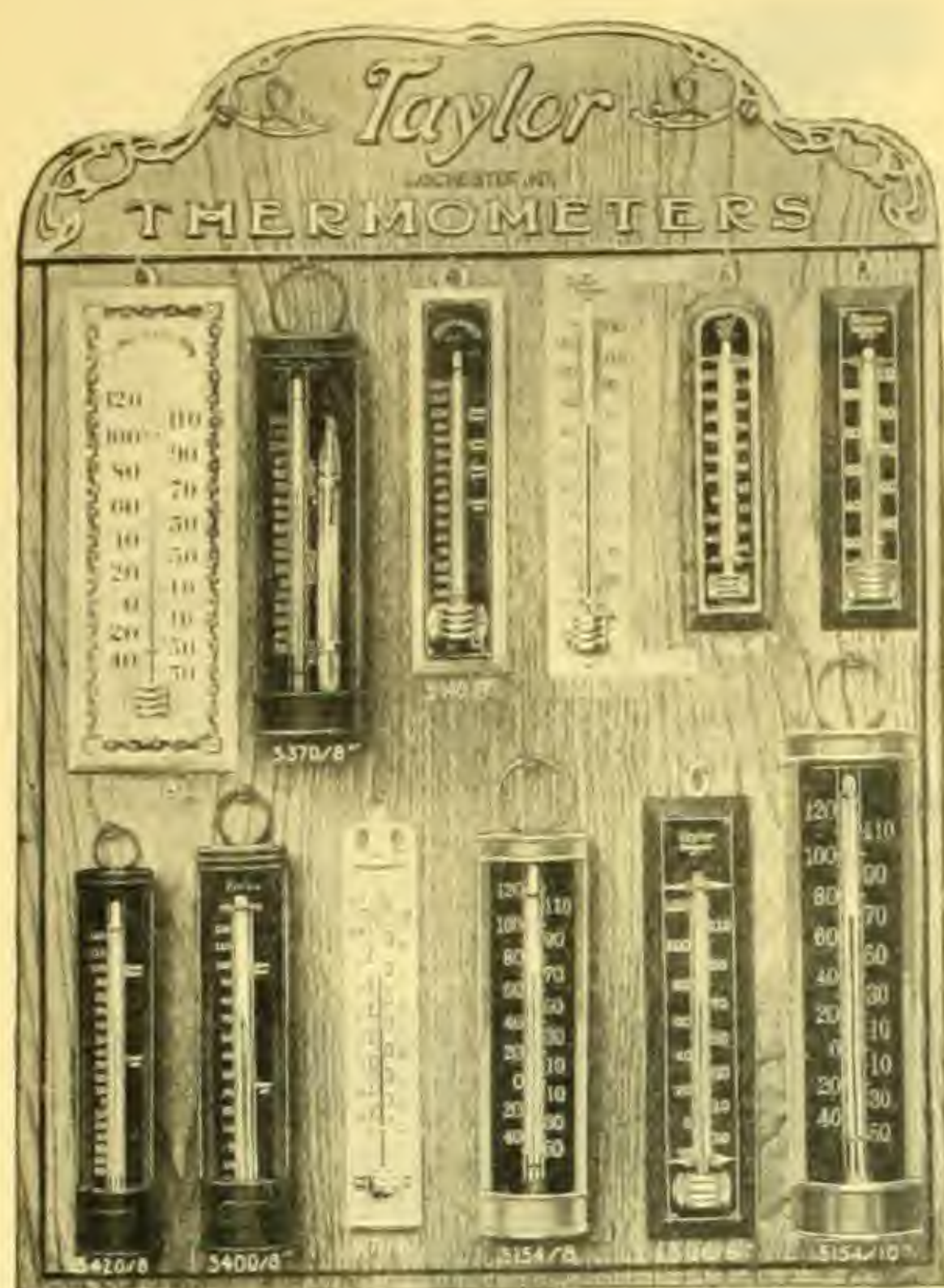


No. 4000.—Tinned steel tubular body; trimmed wire hook; light, unbreakable and strong; length 2 1/4 inches; weight per thousand 50 lbs. Per 1000 \$40.00

No. 4000.—Eureka; lacquered cast iron; steel wire bucket hook; easily inserted and withdrawn; length 3 inches; weight per thousand 75 lbs. Per 1000 \$34.00



## Thermometers



No. O ASSORTMENT



No. 5700—Dairy; 10 inch; mercury filled; shot weighted; floats upright; accurate; scale range from 10 to 110 degrees; easy reading; weight per dozen 2½ lbs.

Per dozen ..... \$24.00

No. 2920—Dairy; 9 inch; mercury filled; weighed; floats upright; scale range from 10 below zero to 220 above; weight per dozen 2½ lbs.

Per dozen ..... \$6.00

One dozen in a box



No. 868—Sugar; 12 inch; white metal scale; black markings; mercury filled; maple wood back; graduations from 80 to 260 degrees; for maple sugar making; weight per dozen 3½ lbs.

Per dozen ..... \$30.00

No. 7472—Syrup Tester; floating; shot weighted; scale marking 0 to 50; plain marking length 9 inches; weight per dozen 2½ lbs.

Per dozen ..... \$10.50

One dozen in a box



No. 5928—Oven; 5 inch flanged metal scale; sand blast finish; magnifying glass; mercury filled; approximate scale range 100 to 600 degrees; weight per dozen 6 lbs.

Per dozen ..... \$48.00



No. 5780—Incubator; 4 inch; brass scale; black oxidized finish; graduated from 90 to 110 degrees; easy reading tube; intended to stand on end among the eggs; weight per dozen 1½ lbs.

Per dozen ..... \$16.00



No. 5794—Brooder; 4½ inch; brass scale; black oxidized finish; mercury filled; plain tube; graduated from 10 to 110 degrees; weight per dozen 1½ lbs.

Per dozen ..... \$16.00

One dozen in a box.

- No. 5162 S.—8 inch; spirit; ornamental lithographed enamelled tin scale mounted on varnished wood back; registering from 130 above to 60 below zero; weight per dozen 2½ lbs. Per dozen ..... \$ 8.00
- No. 5170 S.—8 inch; spirit; assorted color wood backs with scale printed on the wood; registers from 120 above to 40 below zero. Weight per dozen 1½ lbs. Per dozen ..... \$ 6.00
- No. 5140 S.—8 inch; spirit; black scale with white figures and graduations; birch or walnut finished wood backs; scale reads from 120 above to 60 below zero; weight per dozen 3½ lbs. Per dozen ..... \$12.00
- No. 5420 S.—8 inch; spirit; enamelled tin case; magnifying tube; black brass scale with white markings; range from 120 above to 60 below zero; weight per dozen 2½ lbs. Per dozen ..... \$20.00
- No. 5370 S.—8 inch; spirit; black japanned case; black oxidized brass scale; white figures and graduations magnifying front; easy reading; also as storm glass; weight per dozen 4 lbs. Per dozen ..... \$21.00
- No. 5154 S.—8 inch; spirit; copper plated case; large white markings on black scale; range from 120 above to 50 below zero; weight per dozen 4 lbs. Per dozen ..... \$16.00
- No. 5154 S.—10 inch; otherwise as above. Per dozen ..... \$24.00
- No. 5121 S.—6 inch; spirit; natural finished oak backs; black oxidized scale with white figures and graduations; magnifying front; range from 120 above to 60 below zero; weight per dozen 3 lbs. Per dozen ..... \$27.00
- No. 5120 S.—8 inch; spirit; similar to No. 5121 in larger size; weight per dozen 4½ lbs. Per dozen ..... \$30.00
- No. 5315 S.—10 inch; spirit; window type; zinc scale and arms; magnifying tube; easy reading; range from 120 above to 50 below zero; weight per dozen 6 lbs. Per dozen ..... \$32.00
- No. 5100 S.—6 inch; spirit; oak finished wood backs; bevel edged brass scales; black oxidized finish with white markings; first quality magnifying tube; scale reading from 120 above to 60 below zero; weight per dozen 3¼ lbs. Per dozen ..... \$36.00
- No. 5400 S.—8 inch; spirit; black enamelled tin case; magnifying tube; black oxidized scale with white markings; range from 120 above to 60 below zero; weight per dozen 4 lbs. Per dozen ..... \$36.00

## ASSORTMENT

No. O.—Thermometer assortment contains the following ¼ dozen each Nos. 5170 S and 5140 S; 1/6 dozen each Nos. 5162 S, 5420 S, and 5121 S; and 1/12 dozen each Nos. 5370 S, 5154 S x 8 inch, 5154 S x 10 inch, 5120 S, 5315 S, 5100 S, and 5400 S, with attractive display card 18 x 25 inches; nineteen thermometers of eleven different styles; weight of assortment 15 lbs. Per assortment ..... \$30.00



# BUILDERS' HARDWARE SECTION





# Hands of Doors

## Mortise Locks

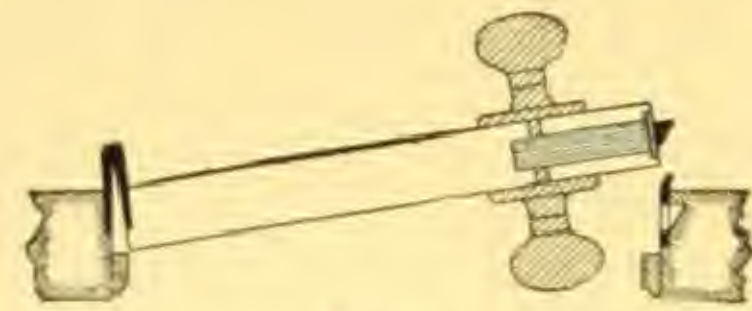


Fig. 20  
Left hand, regular

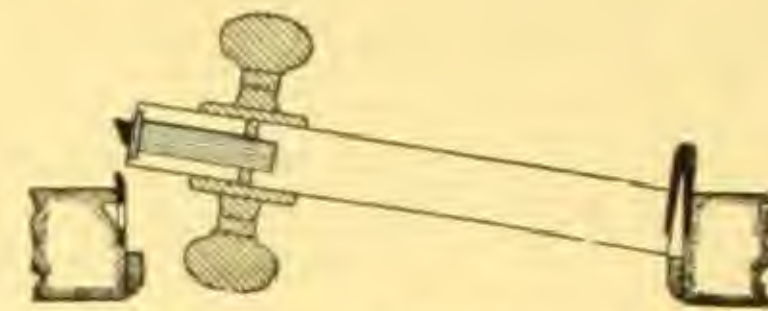


Fig. 21  
Right hand, regular

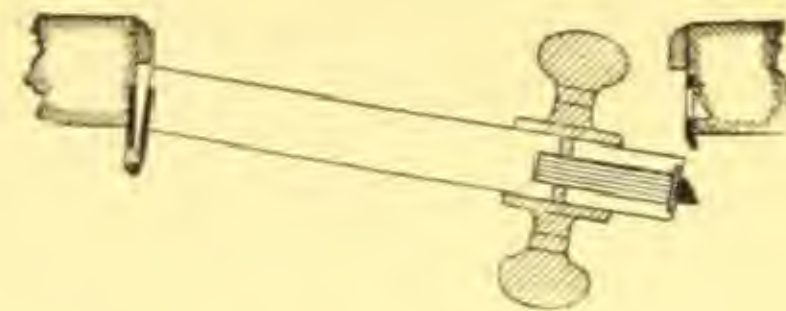


Fig. 22  
Left hand, reverse

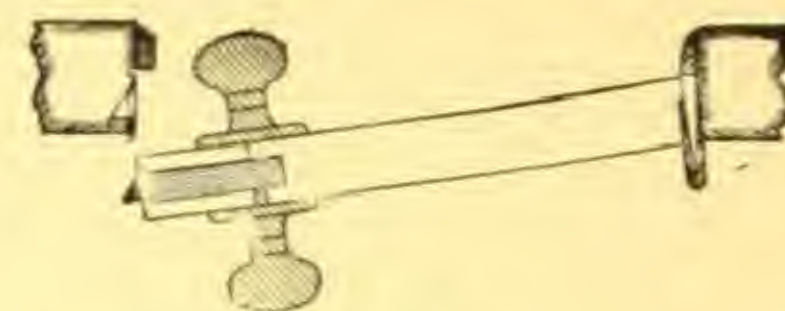


Fig. 23  
Right hand, reverse

## Rim Locks

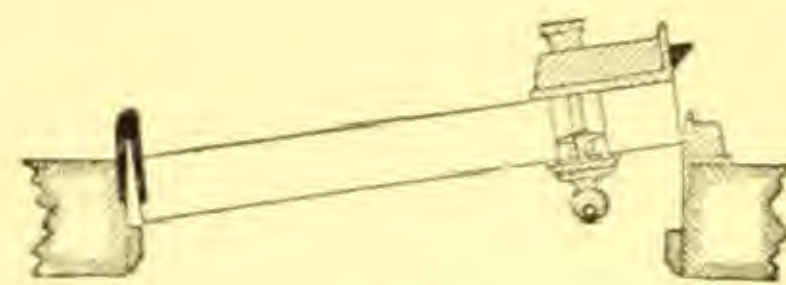


Fig. 24  
Left hand, regular



Fig. 25  
Right hand, regular

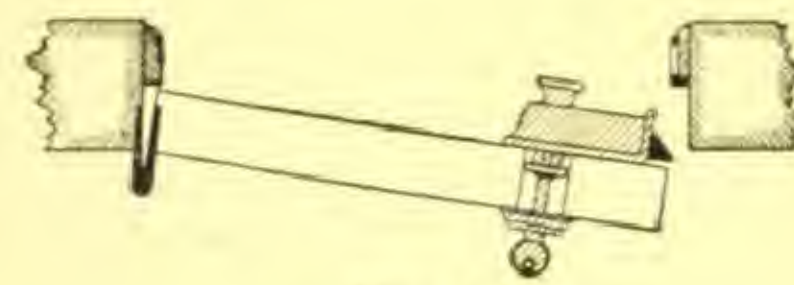


Fig. 26  
Left hand, reverse



Fig. 27  
Right hand, reverse

## Cupboard and Book-case Locks

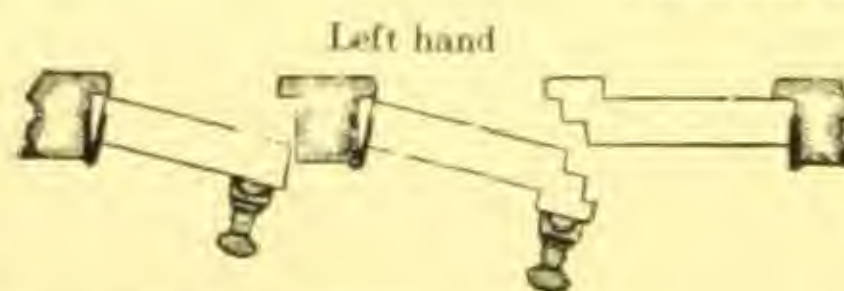


Fig. 28  
Left hand

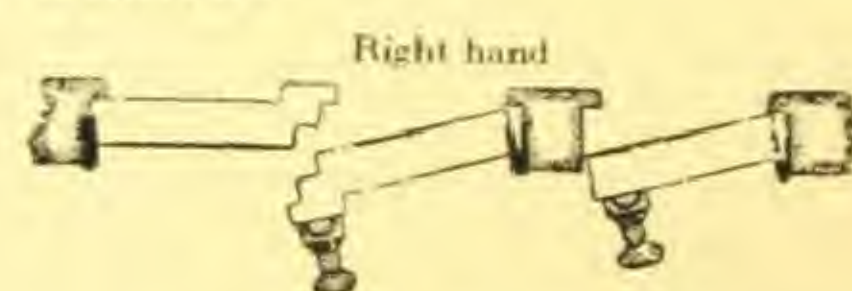


Fig. 29  
Right hand

## Casement Windows



Left hand



Right hand

Fig. 30. Single, opening in

Fig. 31. Pair, opening in

Fig. 32. Pair, opening in

Fig. 33. Single, opening in

Casement windows opening out follow the same rule.



# BUILDERS' HARDWARE SECTION





# Hands of Doors

## Mortise Locks

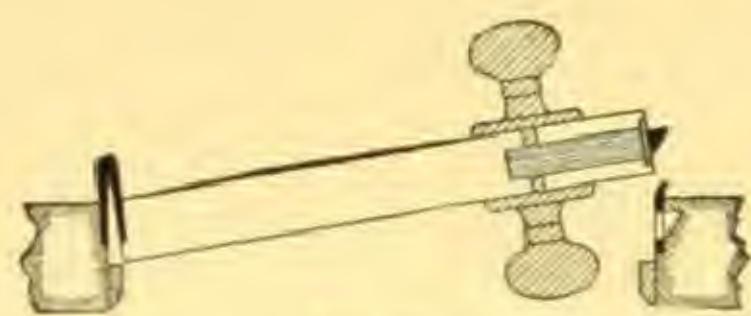


Fig. 20  
Left hand, regular

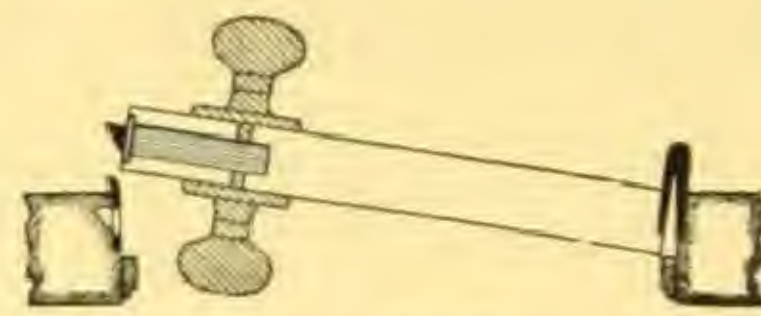


Fig. 21  
Right hand, regular

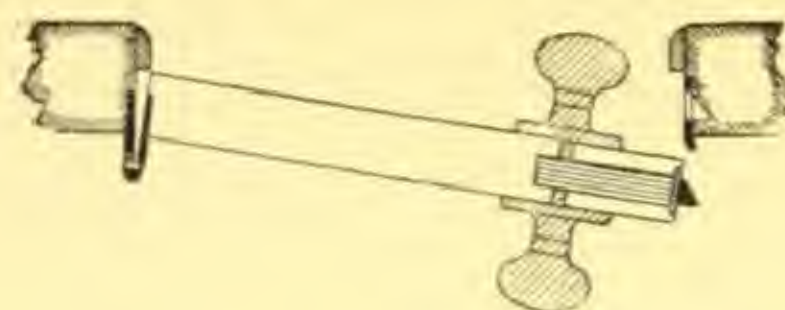


Fig. 22  
Left hand, reverse

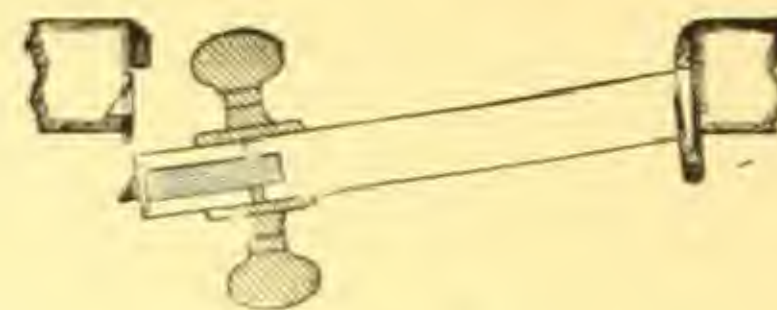


Fig. 23  
Right hand, reverse

## Rim Locks

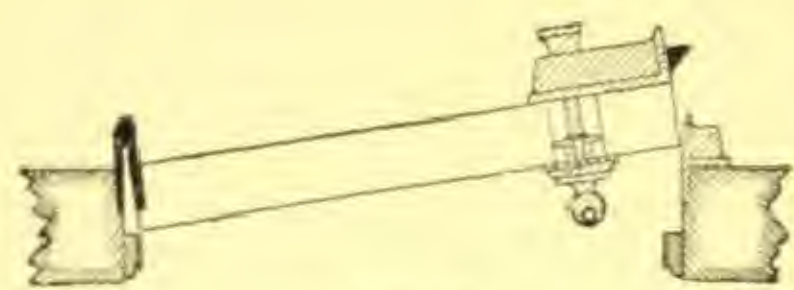


Fig. 24  
Left hand, regular

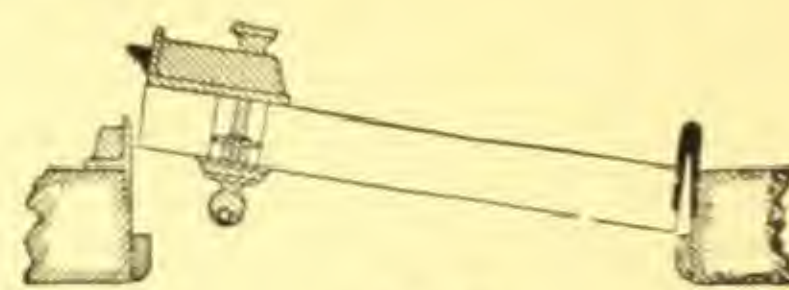


Fig. 25  
Right hand, regular

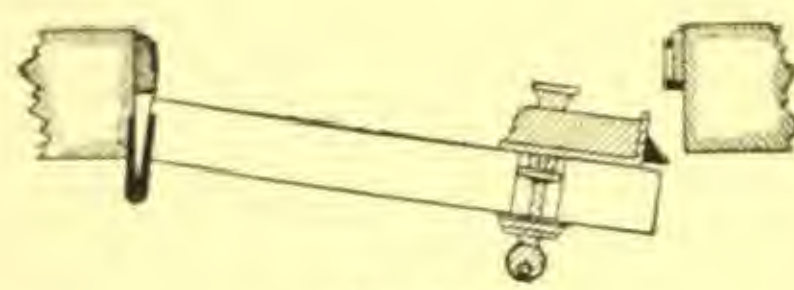


Fig. 26  
Left hand, reverse

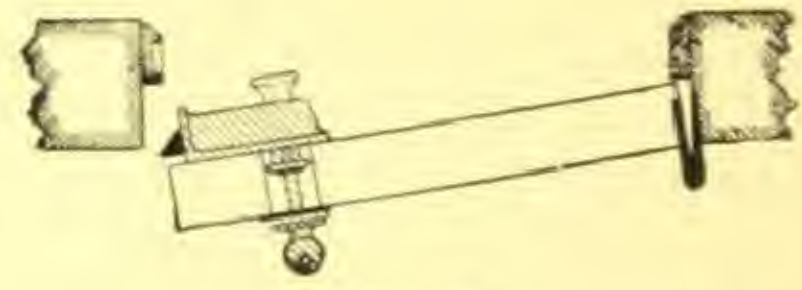


Fig. 27  
Right hand, reverse

## Cupboard and Book-case Locks



Fig. 28  
Left hand



Fig. 29  
Right hand

## Casement Windows

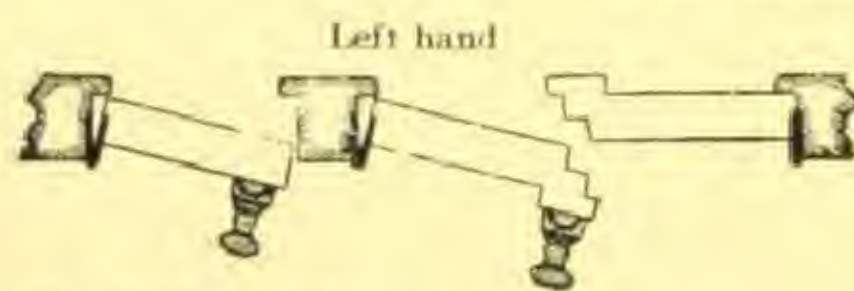


Fig. 30. Single, opening in

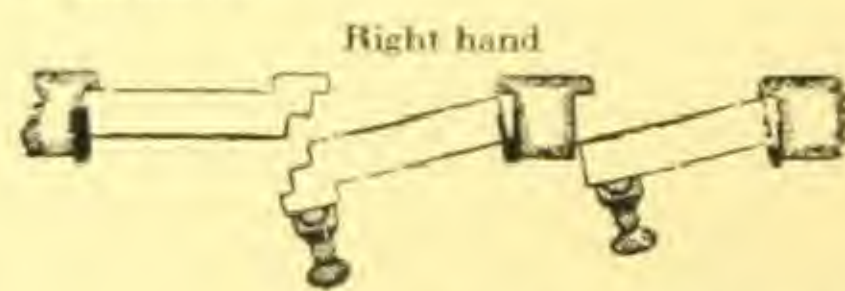


Fig. 33. Single, opening in

Fig. 31. Pair, opening in

Fig. 32. Pair, opening in

Casement windows opening out follow the same rule.



# Store Door Lock Sets



NEWPORT



RANDOLPH



RANDOLPH



OTTAWA

- No. PN4320—Newport; cast bronze; cylinder store door set, sectional design; size of upper plates  $2\frac{1}{2} \times 2\frac{1}{2}$  inches; size of lower plate  $1\frac{1}{4} \times 1\frac{1}{4}$  inches; length of grip centre to centre  $5\frac{1}{2}$  inches; length of trim as applied to door  $14\frac{1}{2}$  inches; supplied with No. 432 lock as shown below; reversible; weight per set  $7\frac{1}{2}$  lbs.
- No. PN4320AZ10—Polished Brass Finish. Per set \$40.00
- No. PN4320AY22—Dull Brass Finish. Per set \$40.00
- No. 5855—Randolph; wrought brass; cylinder store door set; size of plates  $15 \times 3$  inches; length of grip centre to centre  $5\frac{1}{2}$  inches; supplied with No. 855 lock as listed below; reversible; weight per set  $7\frac{1}{2}$  lbs.
- No. 5855A—Polished bronze finish. Per set \$23.00
- No. 5855D2—Antique Copper Finish. Per set \$26.00
- No. 5855F—Dull Brass Finish. Per set \$23.00
- No. 5284—Randolph; wrought brass; flat key type; store door set; size of plates  $15 \times 3$  inches; length of grip centre to centre  $5\frac{1}{2}$  inches; supplied with No. 284 lock as listed below; reversible; weight per set 6 lbs.
- No. 5284A—Polished Bronze Finish. Per set \$15.00
- No. 5284D2—Antique Copper Finish. Per set \$18.00
- No. 5284F—Dull Brass Finish. Per set \$15.00
- No. 6484—Ottawa; wrought steel; flat key type; store door set; size of plates  $12 \times 3$  inches; length of grip centre to centre 4 inches; supplied with No. 484 lock listed below; reversible; weight per set 5 lbs.
- No. 6484D2—Antique Copper Finish. Per set \$ 8.50
- No. 6484F—Dull Brass Finish. Per set \$ 8.50

## STORE DOOR LOCKS

No. 432 $\frac{1}{4}$ —Yale; Double Cylinder; bronze front  $7 \times 1\frac{1}{4}$  inches; bronze bolts; size of case  $5 \times 3\frac{3}{4} \times 1$  inches; backset  $2\frac{3}{4}$  inches; spacing  $4\frac{1}{2}$  inches; latch operated by thumb pieces from both sides; dead bolt by key from either side; three paracentric keys; changes unlimited; reversible; suitable for Newport design shown above. Can be masterkeyed.

Each. \$27.00

No. 855—Peterborough; double cylinder; brass front  $6\frac{3}{4} \times 1\frac{1}{4}$  inches; brass bolts; size of case  $5 \times 3\frac{3}{4} \times 1$ ; backset  $2\frac{3}{4}$  inches; spacing 4 inches; operation, latch by thumb pieces either side; dead bolt by key from either side; three paracentric keys; changes unlimited; reversible as supplied with Randolph set shown above; can be masterkeyed to order.

Each. \$20.00

No. 284—Peterborough; flat key type; brass front  $6\frac{3}{4} \times 1\frac{1}{4}$ ; brass bolts; size of case  $4\frac{1}{4} \times 3\frac{1}{2} \times 1\frac{1}{2}$  inches; backset  $2\frac{3}{4}$  inches; operation, latch bolt by thumb pieces from either side; dead bolt by key from either side; three tumblers; two keys; 48 changes; reversible; for Randolph sets listed above.

Each. \$ 5.20

No. 484—Peterborough; flat key type; cast iron front; cast iron bolts; otherwise the same as No. 284; for Ottawa sets listed above.

Each. \$ 3.50



No. 432 $\frac{1}{4}$  — No. 855

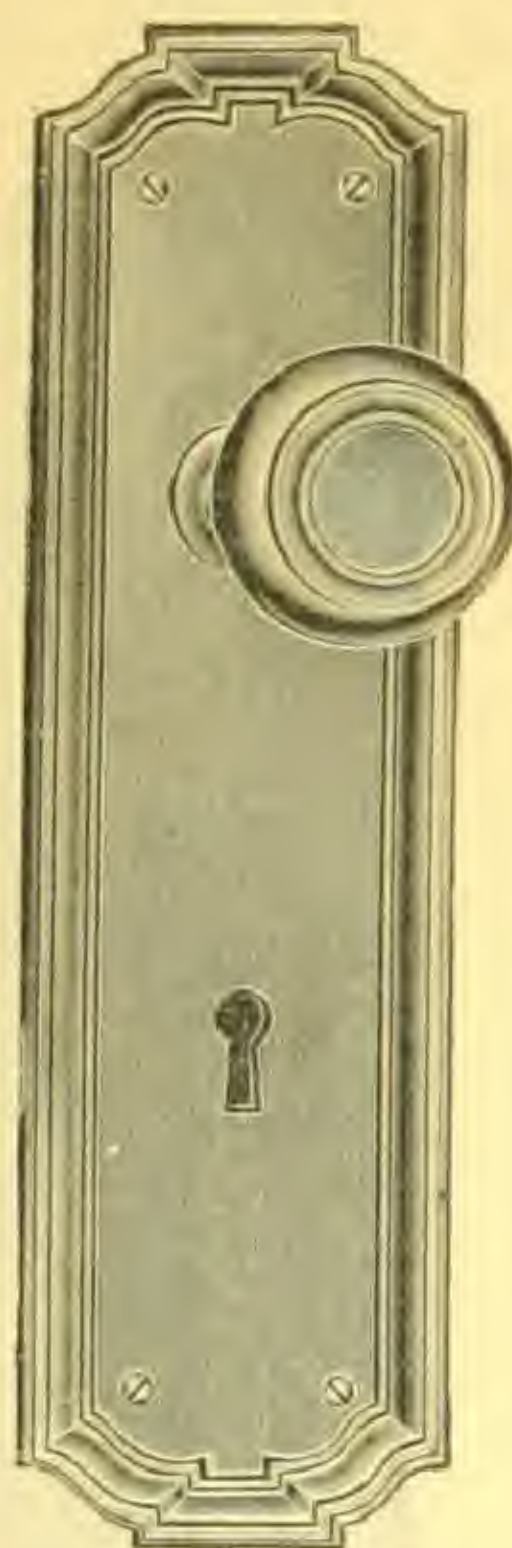


No. 284 — No. 484



## Lock Sets

## ZENOBIAN DESIGN



INSIDE SET

No. AZ8080—Wrought steel trim; size of escutcheons  $8 \times 2\frac{1}{4}$  inches; diameter of knobs  $2\frac{1}{4}$  inches;  $\frac{1}{8}$  inch triplex spindles; No. 808 mortise lock; Old Brass Finish; weight per dozen sets 28 lbs.

AZ8080—Inside sets Per dozen \$29.00

No. CAZ7590—Wrought brass trim; size of outside escutcheon  $11 \times 3$  inches; size of inside escutcheon  $8 \times 2\frac{1}{4}$  inches; diameter of knobs  $2\frac{1}{4}$  inches;  $\frac{1}{8}$  inch swivel triplex spindles; No. 759 bit key mortise lock with night works; Old Brass Finish. Weight per set  $3\frac{1}{2}$  lbs.

No. CAZ7590—Bit key, front door set ..... Each \$8.00

One set in a box.

## SYRIAN DESIGN



INSIDE SET

No. AS8080—Wrought steel trim; size of escutcheons  $7\frac{1}{2} \times 2\frac{1}{2}$  inches; diameter of knobs  $2\frac{1}{4}$  inches;  $\frac{1}{8}$  inch triplex spindles; No. 808 mortise lock; Dull Brass Finish; weight per dozen sets 26 lbs.

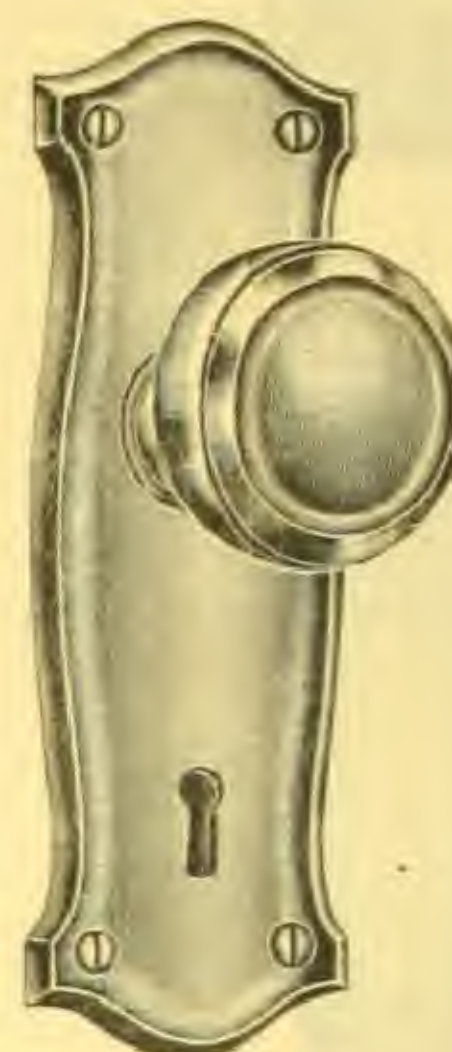
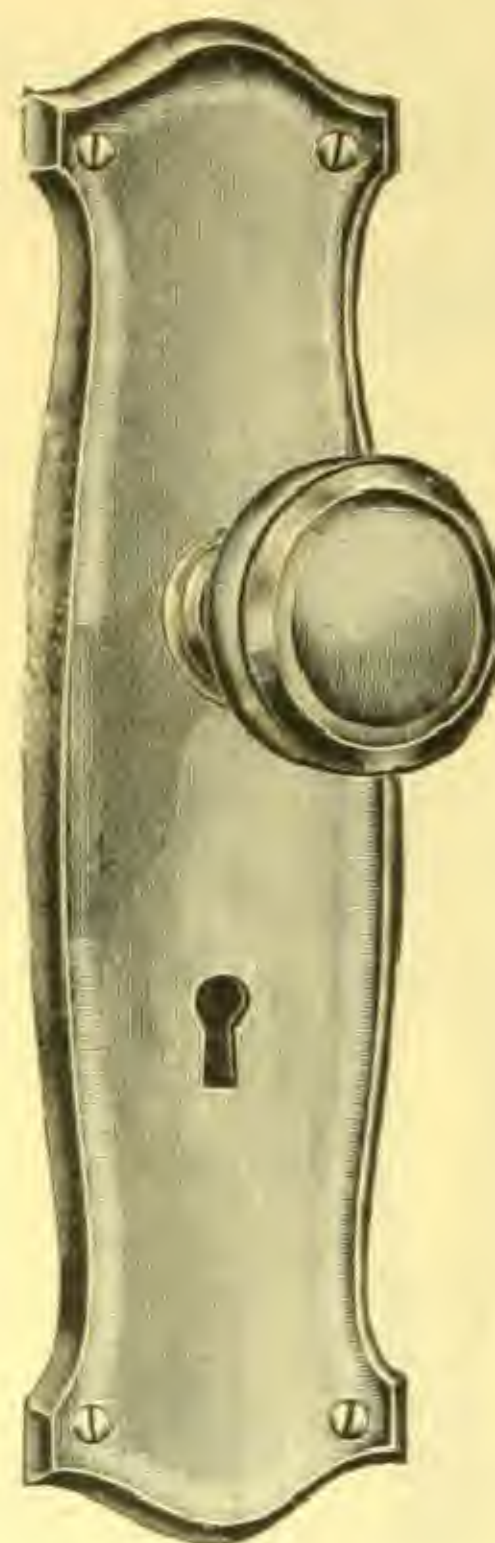
No. AS8080—Inside sets Per dozen \$25.00

No. CAS7590—Wrought brass trim; size of outside escutcheon  $10 \times 3$  inches; size of inside escutcheon  $7 \times 2\frac{1}{4}$  inches; diameter of knobs  $2\frac{1}{4}$  inches;  $\frac{1}{8}$  inch swivel triplex spindles; No. 759 bit key mortise lock with night works; Dull Brass Finish; weight per set  $3\frac{1}{4}$  lbs.

No. CAS7590—Bit key, front door set ..... Each \$8.00

One set in a box.

## PAVIAN DESIGN



INSIDE SET

No. AP8080—Wrought steel trim; size of escutcheons  $7\frac{1}{2} \times 2\frac{1}{2}$  inches; diameter of knobs  $2\frac{1}{4}$  inches;  $\frac{1}{8}$  inch triplex spindles; No. 808 mortise lock; Old Copper Finish; weight per dozen sets 27 lbs.

No. AP8080—Inside sets Per dozen \$25.00

No. CAP7590—Wrought brass trim; size of outside escutcheon  $11 \times 3$  inches; size of inside escutcheon  $7\frac{1}{2} \times 2\frac{1}{2}$  inches; diameter of knobs  $2\frac{1}{4}$  inches;  $\frac{1}{8}$  inch swivel triplex spindles; No. 759 bit key mortise lock with night works; Old Copper Finish. Weight per set  $3\frac{1}{4}$  lbs.

No. CAP7590—Bit key, front door set ..... Each \$8.00

One set in a box.

## RUBIAN DESIGN



INSIDE SET

No. AR8080—Wrought steel trim; size of escutcheons  $7\frac{1}{2} \times 2\frac{1}{2}$  inches; diameter of knobs  $2\frac{1}{4}$  inches;  $\frac{1}{8}$  inch triplex spindles; No. 808 mortise lock; Old Copper Finish; weight per dozen sets 28 lbs.

No. AR8080—Inside sets Per dozen \$25.00

No. CAR7590—Wrought brass trim; size of outside escutcheon  $10 \times 2\frac{3}{4}$  inches; size of inside escutcheon  $7\frac{1}{2} \times 2\frac{1}{2}$  inches; diameter of knobs  $2\frac{1}{4}$  inches;  $\frac{1}{8}$  inch swivel triplex spindles; No. 759 bit key mortise lock with night works; Old Copper Finish. Weight per set  $3\frac{1}{4}$  lbs.

No. CAR7590—Bit key, front door set ..... Each \$8.00

One set in a box.



# Lock Sets

## OTTAWA DESIGN



INSIDE SET

No. 300—Wrought steel trim; size of escutcheons 6 x 2 inches; diameter of knobs 2 1/4 inches; 1/8 inch spindles; No. 900 mortise lock; weight per dozen sets 26 lbs.

No. 300AC—Antique Copper Finish  
Per dozen ..... \$15.00

No. 300DB—Dull Brass Finish  
Per dozen ..... \$15.00

FRONT DOOR SET  
BIT KEY

Front door sets: size of outside escutcheons 10 x 2 1/4 inches; size of inside escutcheons 6 3/4 x 2 1/4 inches; diameter of knobs 2 1/4 inches; 1/8 inch swivel spindles; No. 75 bit key mortise lock with night works; weight per set 3 lbs.

No. 3075AC—Steel trim; two piece knobs; antique copper finish.  
Per dozen ..... \$51.60

No. 3075DB—Dull Brass Finish.  
Per dozen ..... \$51.60

No. 3075PB—Polished Bronze Finish.  
Per dozen ..... \$51.60

No. 4075AC—Bronze trim; two piece knobs, Antique Copper Finish.  
Per dozen ..... \$78.00

No. 4075PB—Polished Bronze Finish.  
Per dozen ..... \$78.00

No. 30375AC—Steel trim; one piece knobs; Antique Copper Finish.  
Per dozen ..... \$55.20

No. 30375DB—Dull Brass Finish.  
Per dozen ..... \$55.20

## RANDOLPH DESIGN



FRONT DOOR SET  
BIT KEY



INSIDE SET

No. 52315—Wrought steel trim; size of escutcheons 7 x 2 1/4 inches; diameter of one piece knobs 2 1/4 inches; 1/8 inch spindles; No. 900 mortise lock; weight per dozen sets 30 lbs.

No. 52315AC—Antique Copper Finish  
Per dozen ..... \$20.80

No. 52315DB—Dull Brass Finish  
Per dozen ..... \$20.80

No. 62315PB—Wrought Bronze trim polished bronze finish  
Per dozen ..... \$47.00

No. 82315PB—Cast Bronze trim; polished bronze finish;  
Per dozen ..... \$ P. O. A.

Front door set; size of outside escutcheons 10 x 2 1/4 inches; size of inside escutcheon 7 x 2 1/4 inches; diameter of one piece knobs 2 1/4 inches; 1/8 inch swivel spindles; No. 75 bit key mortise lock with night works; weight per set 3 1/4 lbs.

No. 62375AC—Wrought Bronze; Antique Copper Finish.  
Per dozen ..... \$96.00

No. 62375DB—Dull Brass Finish.  
Per dozen ..... \$96.00

No. 62375PB—Polished Bronze Finish.  
Per dozen ..... \$96.00

No. 80385PB—Cast Bronze; Polished Bronze Finish.  
Per dozen ..... \$ P. O. A.

## ABBINGTON DESIGN



FRONT DOOR SET  
BIT KEY



INSIDE SET

No. 3913—Wrought steel trim; size of escutcheons 7 x 2 1/4 inches; diameter of knobs 2 1/4 inches; 1/8 inch spindles; No. 900 mortise lock; weight per dozen sets 28 lbs.

No. 3913AC—Antique Copper Finish.  
Per dozen ..... \$19.00

No. 3913 O.B.—Old Brass Finish  
Per dozen ..... \$19.00

Front door set; size of outside escutcheon 10 1/2 x 2 1/4 inches; size of inside escutcheons 7 x 2 1/4 inches; diameter of knobs 2 1/4 inches; 1/8 inch swivel spindles; No. 75 bit key mortise lock with night works; weight per set 3 1/4 lbs.

No. 3975 A.C.—Steel trim; antique copper finish, ..... Per dozen \$60.00

No. 3975 O.B.—Old Brass Finish ..... Per dozen \$60.00

No. 4975 A.C.—Bronze trim; antique copper finish, ..... Per dozen \$80.00

No. 4975 O.B.—Old Brass Finish, ..... Per dozen \$80.00

## OSBORNE DESIGN



FRONT DOOR SET  
BIT KEY



INSIDE SET

No. 5715—Wrought steel trim; size of escutcheons 7 1/2 x 2 1/4 inches; diameter of knobs 2 1/4 inches; 1/8 inch spindles; No. 900 mortise locks; weight per dozen 30 lbs.

No. 5715 S.B.—Sanded Brass finish.  
Per dozen ..... \$21.50

Front door set; size of outside escutcheon 10 1/2 x 3 inches; size of inside escutcheon 7 1/2 x 2 1/4 inches; diameter of knobs 2 1/4 inches; 1/8 inch swivel spindles; No. 75 bit key mortise lock with night works; weight per set 3 1/4 lbs.

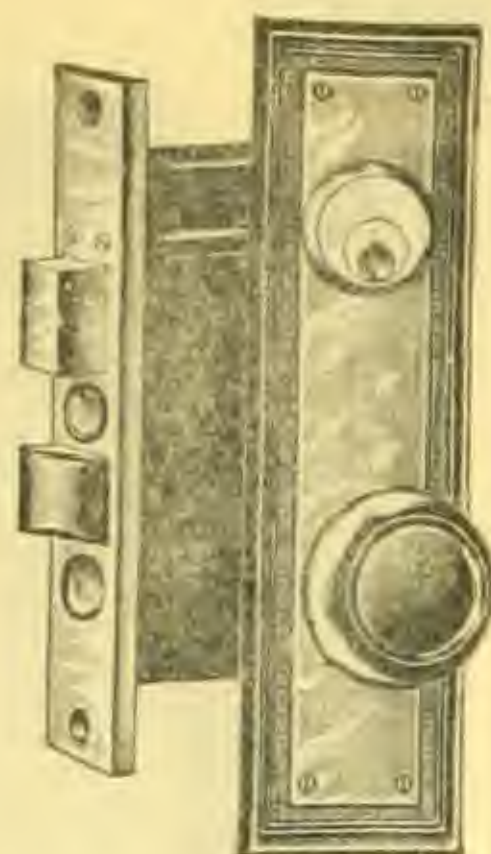
No. 6775 S.B.—Sanded Brass Finish  
Per dozen ..... \$80.00

One set in a box inside set; six dozen in a case; front door sets two dozen in a case.



## Lock Sets

## STERLING DESIGN



FRONT DOOR SET CYLINDER

**Cylinder Front Door Set;** size of outside escutcheon 10 x 3 inches; size of inside escutcheon 7 x 2 1/2 inches; diameter of knobs 2 1/4 inches; 5/16 inch swivel spindles; bronze front cylinder lock with bronze works and night latch attachment; operation of lock, by key from outside and by knob from inside; changes practically unlimited; weight per set 5 lbs.

No. 75520 D.B.R.—Wrought brass trim; dull brass finish with dark depressions. Per set \$24.00  
One set in a box.



INSIDE SET

**Wrought Steel Trim;** size of escutcheons 7 x 2 1/4 inches; diameter of knobs 2 1/4 inches; 5/16 inch spindles; No. 900 mortise lock; weight per dozen 31 lbs.

No. 5562 D.B.R.—Wrought steel trim; dull brass finish with dark depressions. Per dozen \$24.00  
One set in a box.

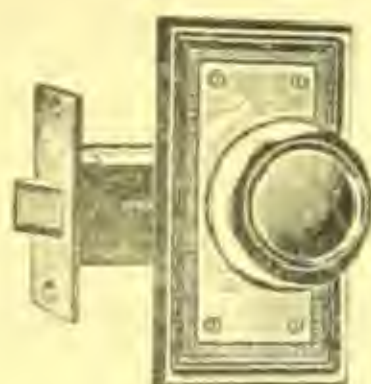


FRONT DOOR SET BIT KEY

**Bit Front Key Door Set;** size of outside escutcheon 9 1/2 x 2 3/4 inches; size of inside escutcheon 7 x 2 1/2 inches; diameter of knobs 2 1/4 inches; 5/16 inch swivel spindles; plated face lock with night works; both latch and dead bolt can be operated by the key from outside; latch responds to the inside knob at all times; number of key changes 24. Weight per set, 3 lbs.

No. 7543 D.B.R.—Wrought brass trim; dull brass finish with dark depressions. Per set \$8.00  
One set in a box.

## LATCH SETS



**Mortice Latch Sets** for wardrobe doors; size of escutcheons 7 x 2 1/4 inches; diameter of knobs 2 1/4 inches; No. 6167 mortise latch; weight per dozen 20 lbs.

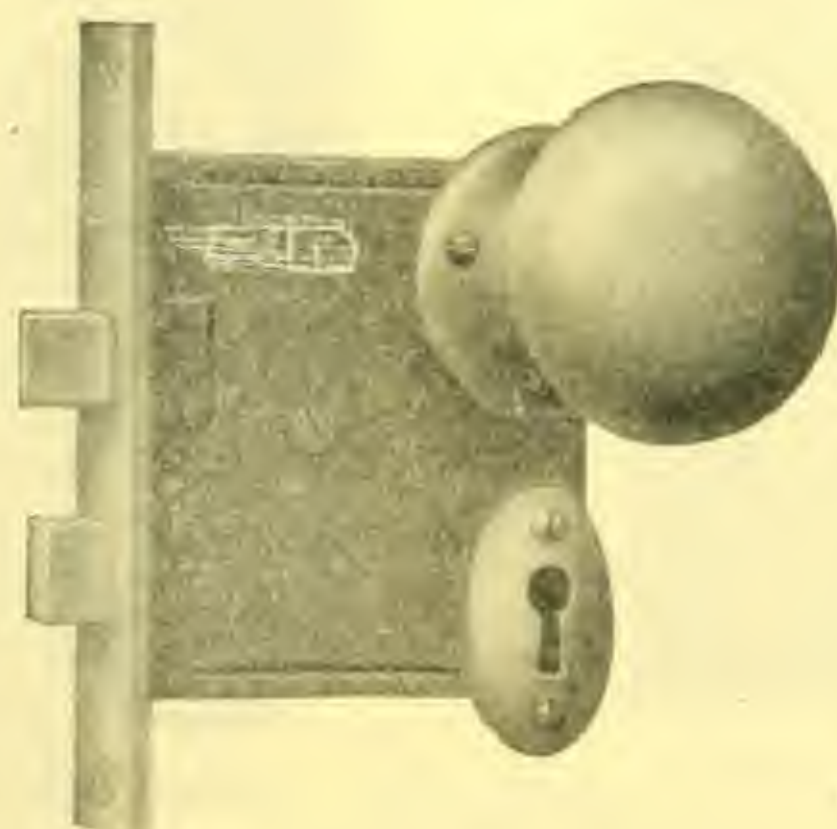
No. 5550 D.B.R.—Wrought steel trim; dull brass finish with dark depressions;  
Per dozen \$23.00  
One set in a box.



**Mortice Latch sets** for sliding doors; size of escutcheons 7 x 2 1/4 inches; No. 6326 latch; weight per dozen 22 lbs.

No. 5485 D.B.R.—Flat front for single doors; wrought steel trim; dull brass finish with dark depressions; Per set \$4.00  
No. 5487 D.B.R.—Flat front for double doors; wrought steel trim; dull brass finish with dark depressions; Per set \$6.00  
One set in a box.

## Sectional Design



No. S219—Wrought bronze trim; sectional design; one piece knobs 2 1/4 inch diameter; diameter of knob escutcheon 2 inches; size of key plate 1 1/4 x 1 1/4 inches; No. 219 mortise lock; dull brass finish; for interior doors; weight per dozen sets 36 lbs.

No. S219—Per dozen sets \$45.00

One set in a box.

No. B219—Description as S219 with the exception that the knob, escutcheon and key plate for one side of the door is finished in nickel plate; for bathroom doors.

No. B219—Per dozen sets \$48.00

One set in a box.



No. G219—Wrought bronze trim; octagon pressed glass knobs with luminous back; diameter of knobs 2 1/4 inches; diameter of knob escutcheons 2 inches; size of key plates 1 1/4 x 1 1/4 inches; No. 219 mortise lock; dull brass finish; for interior doors; weight per dozen sets 36 lbs.

No. G219—Per dozen sets \$75.00

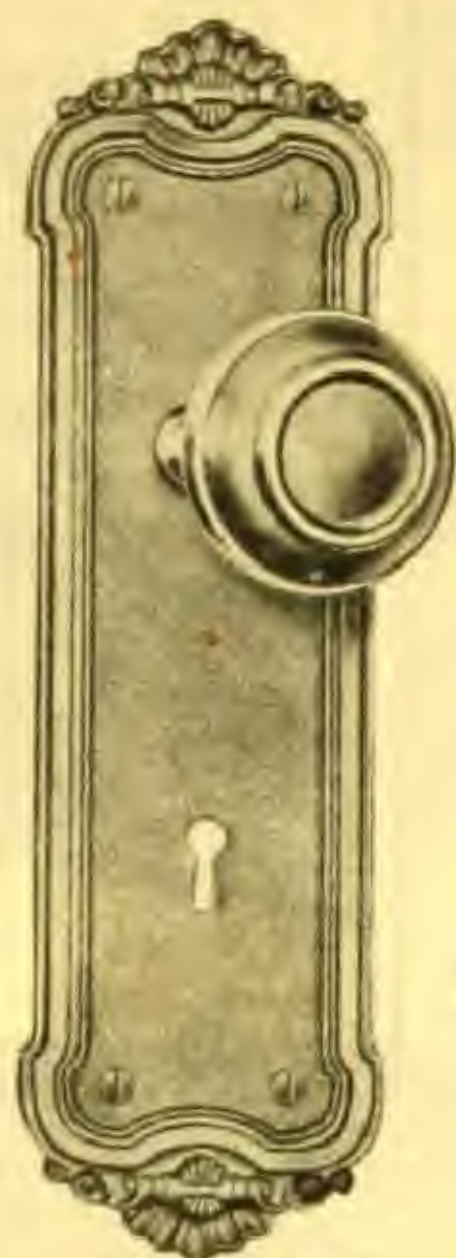
No. CG219—Description as G219 with the exception that the knobs are genuine cut glass; for interior doors.

No. CG219—Per dozen sets \$96.00

One set in a box.



## Front Door Sets



RIDEAU  
BIT KEY

Size of outside escutcheon  $10\frac{1}{4} \times 3$  inches; size of inside escutcheon  $1\frac{1}{4} \times 2\frac{1}{2}$  inches; diameter of knobs  $2\frac{1}{4}$  inches;  $\frac{5}{8}$  inch spindle swivel; No. 75 bit key mortise lock with night works; weight per set  $3\frac{3}{4}$  lbs.

No. 8675AC—Cast Bronze trim; antique copper

Finish..... Per dozen \$96.00

No. 8675PB—Cast bronze trim; polished bronze

Finish..... Per dozen \$96.00



ST. CROIX  
BIT KEY

Size of outside escutcheon  $10 \times 2\frac{3}{4}$  inches; size of inside escutcheon  $7 \times 2\frac{1}{2}$  inches; diameter of knobs  $2\frac{1}{4}$  inches;  $\frac{5}{8}$  inch swivel spindle; No. 75 bit key mortise lock with night works; weight per set  $3\frac{3}{4}$  lbs.

No. 8475AC—Cast bronze trim; antique copper

Finish..... Per dozen \$96.00

No. 8475PB—Cast bronze trim; polished bronze

Finish..... Per dozen \$96.00

Inside sets in St. Croix design can be supplied to special order.

One set in a box.



RANDOLPH  
CYLINDER

Size of outside escutcheon  $10\frac{1}{4} \times 2\frac{3}{4}$  inches; size of inside escutcheon  $7 \times 2\frac{1}{2}$  inches; diameter of knobs  $2\frac{1}{4}$  inches;  $\frac{5}{8}$  inch swivel spindle; No. 765 cylinder lock with night works; weight per set  $4\frac{1}{2}$  lbs.

No. 5765AC—Wrought bronze trim; antique

Copper Finish..... Per set \$24.00

No. 5765DB—Wrought bronze trim; Dull

Brass Finish..... Per set \$22.50

No. 5765PB—Wrought bronze trim; polished

bronze finish..... Per set \$22.50

No. 0765PB—Cast bronze trim; polished

bronze finish..... Per set \$29.50

## Front Door Locks



Nos. 75 and 85

No. 75—Japanned iron case; size of case  $4\frac{3}{4} \times 3\frac{3}{4} \times \frac{1}{2}$  inches; plated front  $7 \times 1\frac{3}{4}$ ; backset  $2\frac{3}{4}$  inches; spacing  $3\frac{1}{2}$  inches;  $\frac{5}{8}$  inch spindle hub; operation latch bolt by knob from both sides; outer knob may be set by stop and when stopped the latch can be operated by the key; dead bolt operated by the key from either side; latch and dead bolt are operated by the same key and through the same key-hole; two nickel plated keys; twelve changes; iron bolts; reversible; for doors of either hand; weight per dozen 22 lbs.

Per dozen..... \$38.00

No. 85—Same description as No. 75 except being bronze face and bronze bolts.

Per dozen..... \$54.00

Three in a box.



No. 765

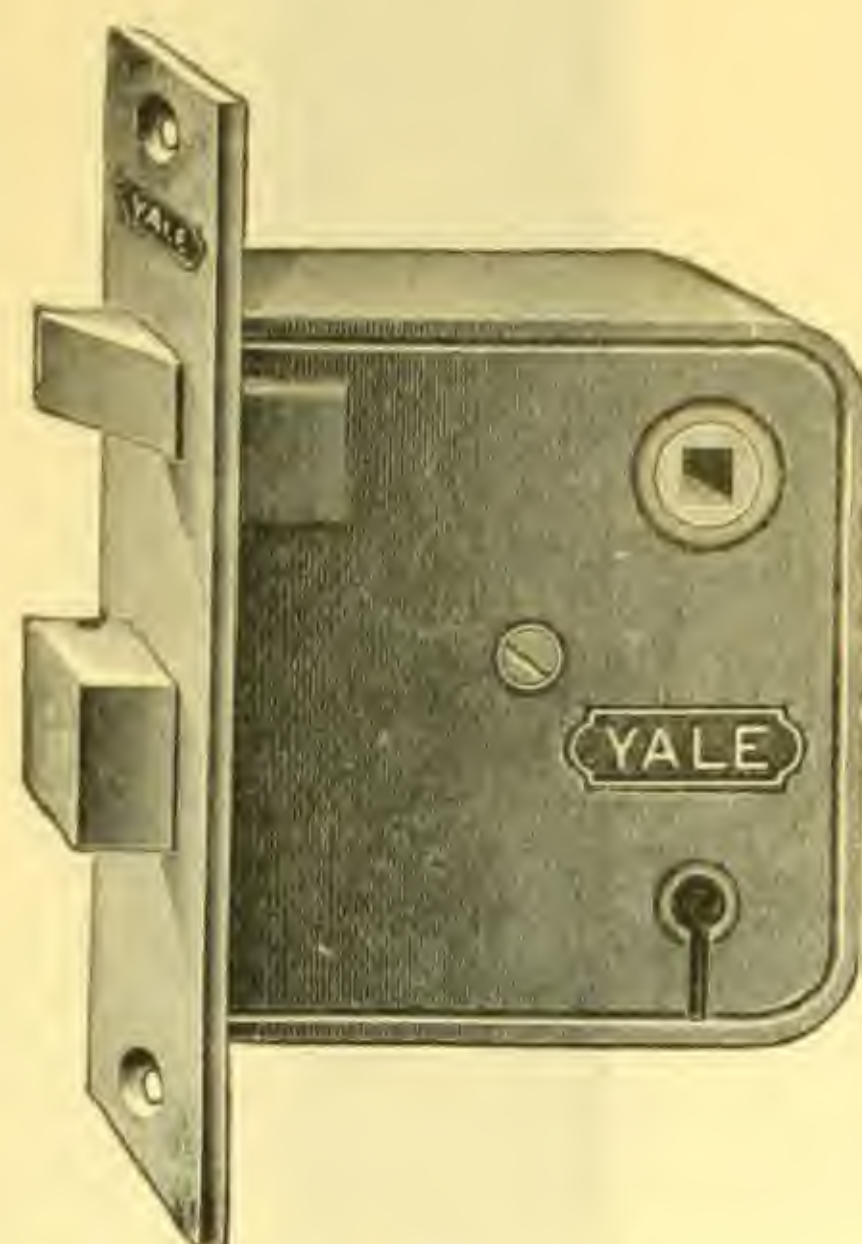
No. 765—Japanned iron case; size of case  $5\frac{3}{4} \times 3\frac{3}{4} \times \frac{1}{2}$  inches; cast brass front  $7\frac{1}{4} \times 1$  inch; backset  $2\frac{3}{4}$  inches; spacing  $3\frac{1}{2}$  inches;  $\frac{5}{8}$  inch brass spindle hub; operation latch bolt by knobs from either side and by key from outside; dead bolt by key from outside and by thumb turn from inside; outer knob may be set by the stop in face of lock; three security keys for each lock; changes practically unlimited; reversible; bolts are brass and latch bolt of the easy spring type; can be supplied with two cylinders or masterkeyed to special order; weight per dozen 47 lbs.

Each..... \$18.00

One in a box.



## Mortise Locks



MORTISE KNOB LOCK.

No. 303—Japanned iron case; size  $3\frac{1}{4} \times 3\frac{1}{4} \times \frac{1}{2}$  inches; backset  $2\frac{1}{2}$  inches; spacing  $2\frac{1}{4}$  inches; plated steel front  $5\frac{1}{2} \times 3\frac{1}{4}$  inches; hub for  $\frac{1}{8}$  inch spindle; one nickel plated steel key; 6 changes; brass plated reversible iron bolts; weight per dozen  $13\frac{1}{2}$  lbs.

Per dozen ..... \$12.50

Half dozen in a box.



MORTISE KNOB LOCK.

No. 900—Japanned iron case; size  $3\frac{1}{4} \times 3\frac{1}{4} \times \frac{1}{2}$  inch; backset  $2\frac{1}{2}$  inches; spacing  $2\frac{1}{4}$  inches; front  $5\frac{1}{2} \times 3\frac{1}{4}$  inches; spindle hub for  $\frac{1}{8}$  inch; one nickel plated iron key; 8 changes; reversible iron bolt; weight per dozen  $12\frac{3}{4}$  lbs.

Per dozen ..... \$7.40

Half dozen in a box.



MORTISE KNOB LOCK.

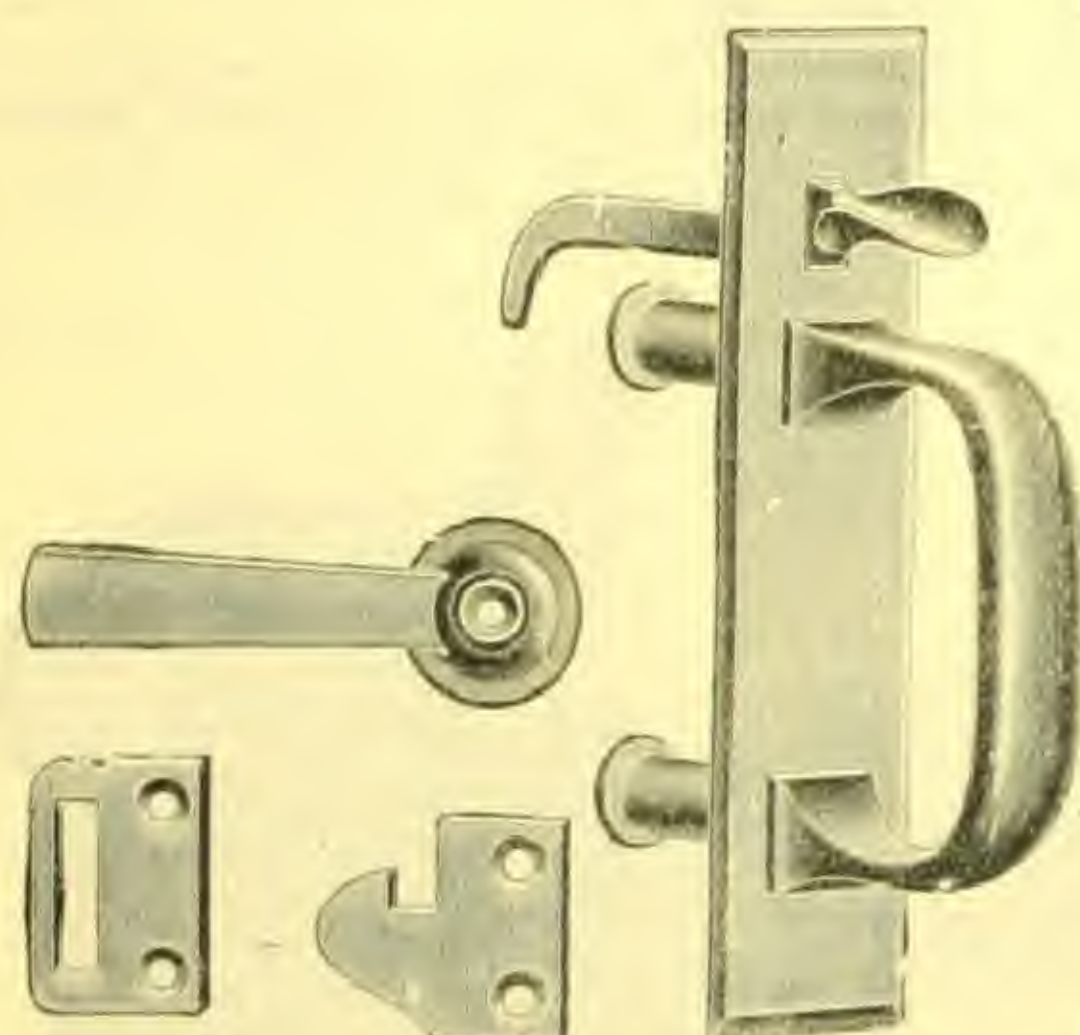
No. 206—Japanned iron case; size  $3\frac{1}{4} \times 3\frac{1}{4} \times \frac{1}{2}$  inch; backset  $2\frac{1}{2}$  inches; spacing  $2\frac{1}{4}$  inches; lacquered iron front; hub for  $\frac{1}{8}$  inch spindle; one nickel plated iron key; 8 changes; reversible iron bolt; weight per dozen  $13\frac{1}{2}$  lbs.

Per dozen ..... \$8.50

No. 219—Japanned iron case; size  $3\frac{1}{4} \times 3\frac{1}{4} \times \frac{1}{2}$  inch; backset  $2\frac{1}{2}$  inches; spacing  $2\frac{1}{4}$  inches; hub for  $\frac{1}{8}$  inch spindle; one nickel plated steel key; 12 changes; reversible brass bolt; weight per dozen  $13\frac{1}{2}$  lbs.

Per dozen ..... \$15.50

Half dozen in a box.



STORE DOOR LATCHES.

No. 0—Cast Bronze; bevel design; size of plate  $9\frac{1}{2} \times 2\frac{1}{2}$  inches; length of grip 5 inches; length of latch bar  $4\frac{1}{2}$  inches; for doors of either hand  $1\frac{1}{2}$  to  $2\frac{1}{2}$  inches thick; polished and lacquered finish; weight per set 2 lbs.

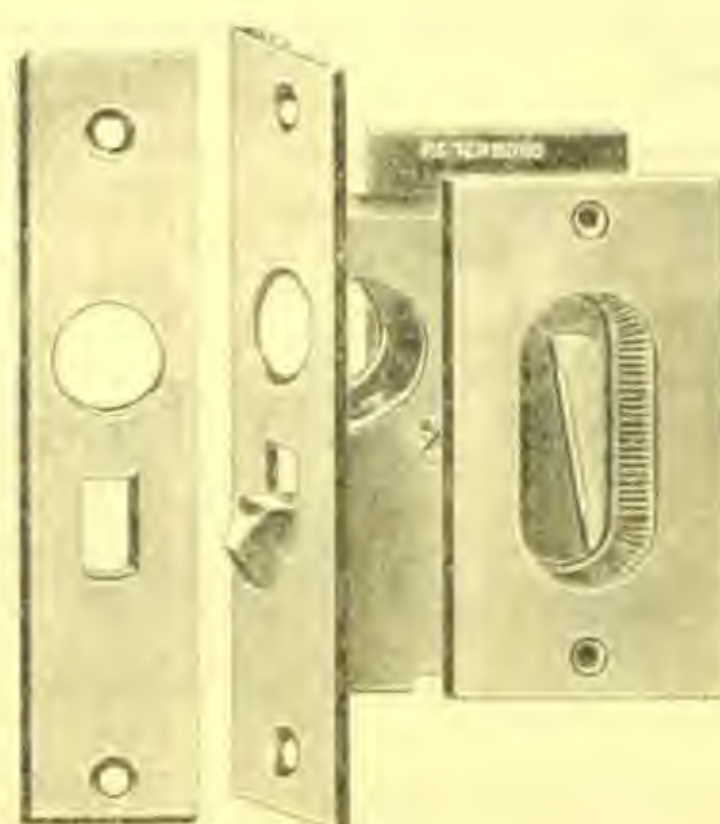
Per set ..... \$6.50

No. 06—Cast iron; plain design; size of plate  $9\frac{1}{2} \times 2\frac{1}{2}$  inches; length of grip 6 inches; length of latch bar  $4\frac{1}{2}$  inches; for doors of either hand  $1\frac{1}{2}$  to  $2\frac{1}{2}$  inches thick; plated finish; weight per set 2 lbs.

No. 06AC—Antique copper finish. Per set \$3.20

No. 06NP—Nickel plated finish. Per set \$3.50

Three set in a carton.



SLIDING DOOR SETS.

No. 35—Latch set for single doors; size of latch case  $3\frac{1}{4} \times 3\frac{1}{4}$  inches; size of latch face  $5\frac{1}{4} \times 1$  inch; size of escutcheon plates  $3\frac{1}{4} \times 1\frac{1}{4}$  inches; plated steel; reversible; escutcheons are applied flush with the door permitting the door to clear of the opening. Single sets contain latch, striker and two open escutcheons. Double sets contain latch, striker, two blank and two open escutcheons.

No. 35AC—Antique copper finish for single doors.

Per set ..... \$3.50

No. 35DB—Dull brass finish for single doors.

Per set ..... \$3.50

No. 38AC—Antique copper finish for double doors.

Per set ..... \$5.00

No. 38DB—Dull brass finish for double doors.

Per set ..... \$5.00

One set in a box.



RIM LOCK SETS.

No. 380—Rim lock set; with No. 3800 steel rim lock; one pair two piece steel knobs,  $2\frac{1}{4}$  inches in diameter; one oblong escutcheon plate  $2 \times 6$  inches; old copper finish; weight per dozen 18 lbs.

Per dozen ..... \$15.00

Six dozen in a case.



# Latches and Locks



**MORTISE KNOB LATCH**

No. 0—Japanned iron case; size  $3\frac{1}{4} \times 1\frac{1}{2} \times \frac{3}{8}$  inches; reversible iron bolt; front  $3 \times \frac{3}{4}$ ; backset  $2\frac{3}{8}$  inches; spindle hub  $\frac{5}{8}$  inch; weight per dozen  $5\frac{1}{2}$  lbs.

Per dozen \$3.20

Half dozen in a box.



**MORTISE KNOB LATCH**

No. 6167—Lacquered steel case; size  $3 \times 1\frac{1}{2} \times \frac{3}{8}$  inch; reversible brass plated steel front; size  $3 \times \frac{3}{4}$  inch; backset  $2\frac{1}{2}$  inches; spindle hub  $\frac{5}{8}$  inch. Weight per dozen  $4\frac{1}{2}$  lbs.

Per dozen \$4.80

One dozen in a box.



**RIM KNOB LATCH**

No. 70—Japanned iron case; size  $3\frac{3}{4} \times 2\frac{1}{4} \times \frac{3}{4}$  inch; backset  $2\frac{3}{8}$  inches; spindle hub  $\frac{5}{8}$  inch; reversible iron bolt; weight per dozen 10 lbs.

Per dozen \$5.50

Half dozen in a box.



**RIM KNOB LOCK**

No. 3800—Ivory black wrought steel case; size  $4 \times 3\frac{1}{2}$  inches; reversible iron bolt; backset  $2\frac{3}{8}$  inches; spindle hub  $\frac{5}{8}$  inch; latch stop; four changes; tinned iron key; weight per dozen 13 lbs.

Per dozen \$8.00

One-half dozen in a box.



**RIM KNOB LOCK**

No. 1516—Japanned iron case; size  $4 \times 3\frac{1}{2} \times \frac{3}{4}$  inch; backset  $2\frac{1}{2}$  inches; spindle hub  $\frac{5}{8}$  inch; reversible iron bolt with stop; tinned iron key; six changes; weight per dozen  $14\frac{1}{2}$  lbs.

Per dozen \$6.00

Half dozen in a box.



**RIM KNOB LOCK**

No. 1226—Japanned iron case; size  $4\frac{1}{2} \times 3\frac{1}{4} \times \frac{3}{4}$  inch; backset  $2\frac{1}{2}$  inches; spindle hub  $\frac{5}{8}$  inch; reversible iron bolt with stop; one nickel plated steel key; 16 changes; japanned key plate; weight per dozen  $11\frac{1}{2}$  lbs.

Per dozen \$9.30

No. 1227—Reversible brass bolt; otherwise the same as 1226.

Per dozen \$13.50

No. 1241—Japanned iron case; size  $4\frac{1}{2} \times 3\frac{1}{4} \times \frac{3}{4}$  inch; backset  $2\frac{1}{2}$  inches; spindle hub  $\frac{5}{8}$  inch; reversible iron bolt with stop; one nickel plated steel key; 12 changes; japanned key plate; weight per dozen 16 lbs.

Per dozen \$13.00

No. 1251—size  $5 \times 4 \times \frac{3}{4}$  inch; weight per dozen  $22\frac{1}{2}$  lbs. otherwise the same as 1241.

Per dozen \$28.00

No. 1281—Size  $6 \times 4 \times \frac{3}{4}$  inch; weight per dozen 26 lbs; otherwise the same as 1241.

Per dozen \$31.00

Half dozen in a box.



**RIM DEAD LOCK**

No. 121—Japanned iron case; size  $3\frac{1}{4} \times 2\frac{1}{4} \times \frac{3}{8}$  inch; backset  $2\frac{1}{2}$  inches; iron bolt; one nickel plated key; 12 changes; weight per dozen 9 lbs.

Per dozen \$6.90

No. 331—Japanned iron case; size  $4\frac{1}{2} \times 3 \times \frac{3}{4}$  inch; backset 3 inches; iron bolt; one nickel plated steel key; 12 changes; weight per dozen  $14\frac{1}{2}$  lbs.

Per dozen \$11.30

Half dozen in a box.



**STORE DOOR LOCK**

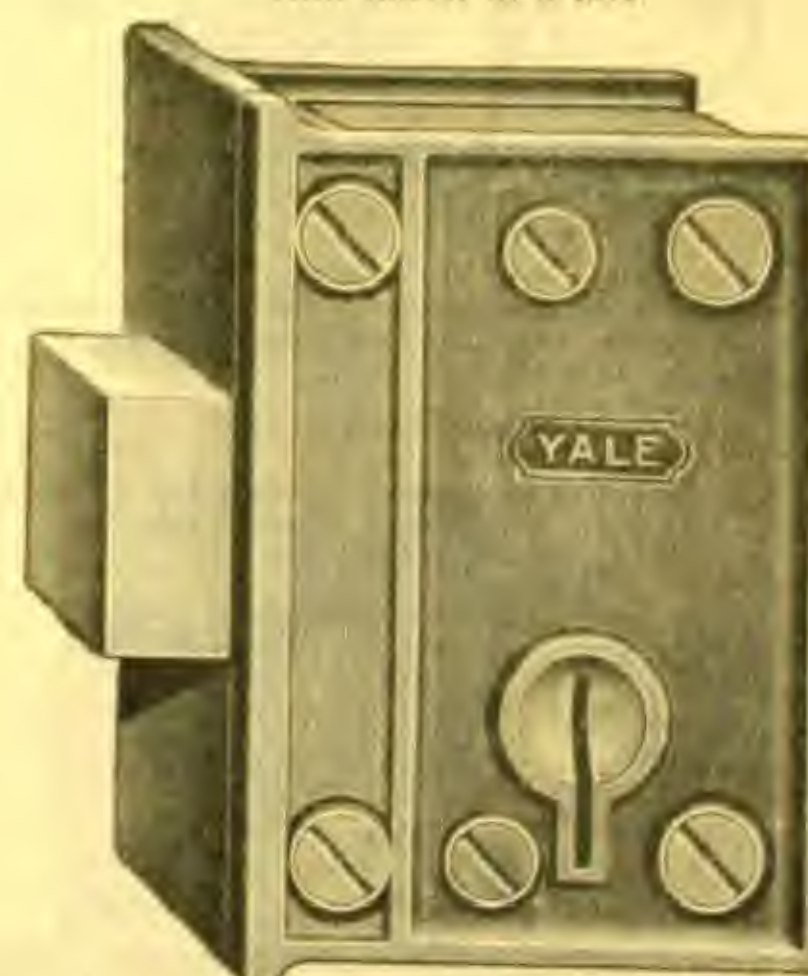
No. 441—Japanned iron case; size  $4 \times 2\frac{1}{2} \times \frac{3}{8}$  inches; backset  $1\frac{1}{2}$  inch; iron bolt; brass bushing; two folding steel keys; 16 changes; weight per dozen  $16\frac{1}{4}$  lbs.

Per dozen \$28.00

No. 451—Size  $5 \times 3 \times 1$  inch; weight per dozen  $28\frac{1}{4}$  lbs. otherwise the same as 441.

Per dozen \$31.00

One in a box.



**STORE DOOR LOCK**

No. 388—Japanned iron case; size  $4 \times 2\frac{1}{2} \times \frac{3}{8}$  inches; backset  $1\frac{1}{2}$  inch; iron bolt; reversible for doors of either hand; two folding steel keys; 12 changes; weight per dozen 17 lbs.

Per dozen \$32.40

No. 391—size  $5 \times 3\frac{1}{4} \times 1$  inches; backset 2 inches; weight per dozen 30 lbs. otherwise same as 388.

Per dozen \$34.80

One in a box.



## Knob Spindles



No. 1—Straight spindle for all regular knobs;  $\frac{3}{8}$  inch; weight per dozen 1 lb.  
Per dozen

\$1.50

No. 2—Simplex spindle for glass knobs;  $\frac{3}{8}$  inch; weight per dozen 1 lb.  
Per dozen

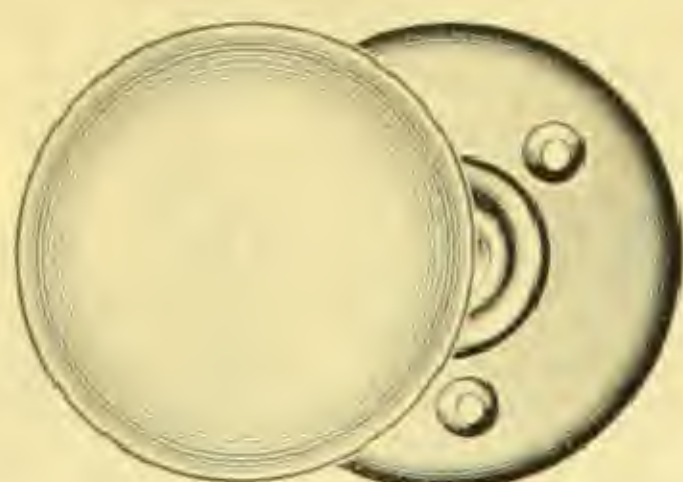
\$3.00



No. 14—Swivel spindle for plain shank knobs;  $\frac{3}{8}$  inch; weight per dozen 1 lb.  
Per dozen

\$4.50

## Door Knobs

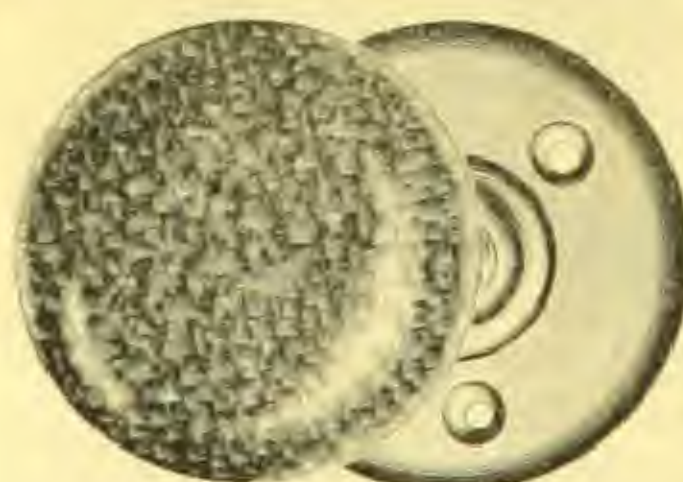


PORCELAIN

Size  $2\frac{1}{4}$  inches; japanned necks and roses; porcelain knob; weight per dozen 12 lbs.

Number	306	307
Style	Mortise	Rim
Per dozen	\$5.50	5.50

Half dozen in a box.



MINERAL

Size  $2\frac{1}{4}$  inches; japanned necks and roses; mineral knob; weight per dozen 12 lbs.

Number	300	301
Style	Mortise	Rim
Per dozen	\$5.50	5.50

Half dozen in a box.



JET

Size  $2\frac{1}{4}$  inches; japanned necks and roses; jet black knob; weight per dozen 12 lbs.

Number	336	337
Style	Mortise	Rim
Per dozen	\$5.50	5.50

Half dozen in a box.



ORNAMENTAL IRON

Size  $2\frac{1}{4}$  inches; berlin bronze finish throughout; weight per dozen 13 $\frac{1}{2}$  lbs.

Number	3500
Style	Mortise
Per dozen	\$8.50

Half dozen in a box.



STEEL OR BRONZE

Size  $2\frac{1}{4}$  inches; plated finish throughout; weight per dozen 14 $\frac{1}{2}$  lbs.

Number	3300	7000DB	7000AC	2000P
Style	Mortise	Mortise	Mortise	Mortise
Finish	Berlin	Dull	Old	Bronze
	Bronze	Brass	Copper	
Per dozen	\$6.50	9.50	9.50	18.50

Half dozen in a box.



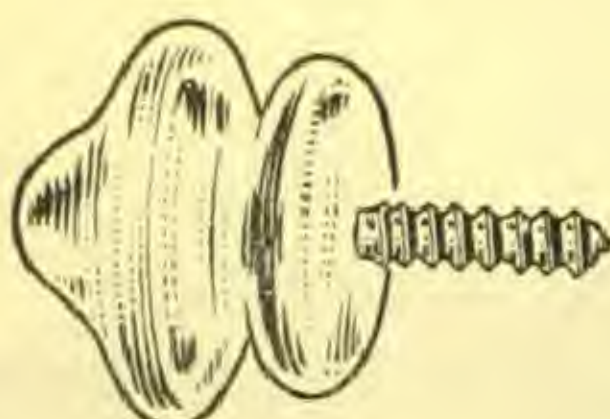
GLASS

Size  $2\frac{1}{4}$  inches; dull brass neck and roses; screwed spindle; pressed glass knob. Weight per dozen 12 lbs.

Number	641
Style	Mortise
Per dozen	\$54.00

One pair in a box.

## Glass Furniture Knobs



No. 15—Crystal Glass; round; diameter 1 inch; steel wood screws; weight per dozen  $\frac{1}{2}$  lb.

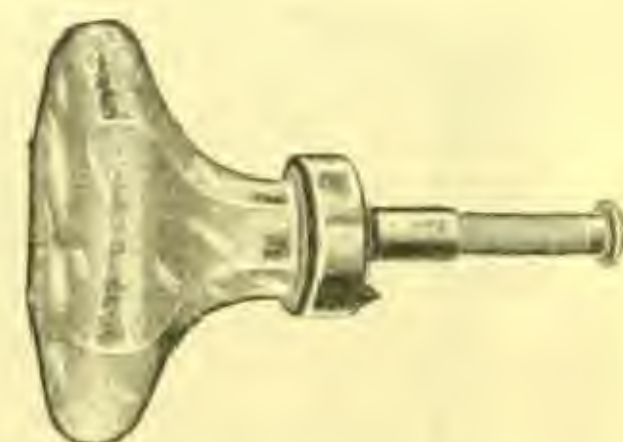
Per dozen	\$2.00
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One dozen in a box.

No. 13—Crystal Glass; round; diameter  $\frac{1}{2}$  inch; steel wood screw; weight per dozen  $\frac{1}{4}$  lb.

Per dozen	\$1.20
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Three dozen on a card.



No. 584B—Crystal Glass; hexagon; brass mount; steel screw.

Size, inches	$\frac{3}{4}$	1	1 $\frac{1}{4}$	1 $\frac{3}{4}$
Weight per dozen, lbs.				
Per dozen	\$4.00	4.00	5.50	7.00

One dozen in a box.

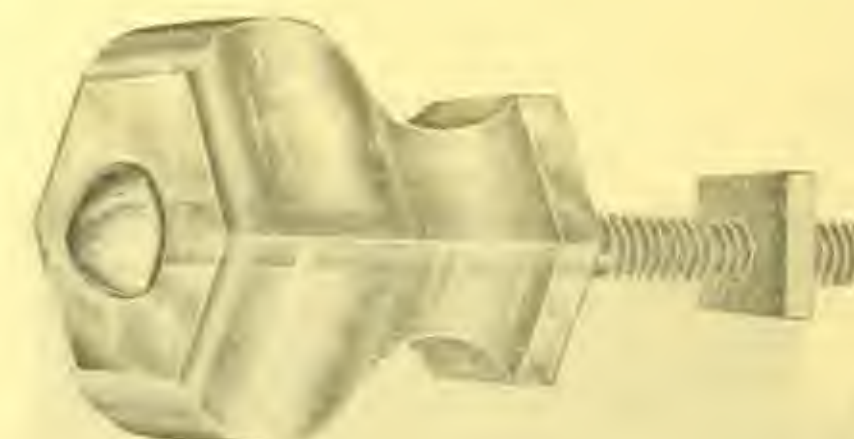
## SHUTTER KNOBS



No. 15—Shutter knob; porcelain; steel screw.

Size, inches	$\frac{3}{4}$	1	1 $\frac{1}{4}$	1 $\frac{3}{4}$
Weight, gross, lbs.	1 $\frac{1}{2}$	2	4	10
Per gross	\$7.00	7.30	7.80	11.50

Quarter gross in a box.



No. 1707—Crystal Glass; hexagon; nickel head bolt running through top with nut.

Number	1707	1708	1709	1710
Size, inches	1	1 $\frac{1}{4}$	1 $\frac{1}{2}$	1 $\frac{3}{4}$
Weight per dozen, lbs.				

Per dozen	\$3.20	3.80	4.80	9.00
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One dozen in a box.

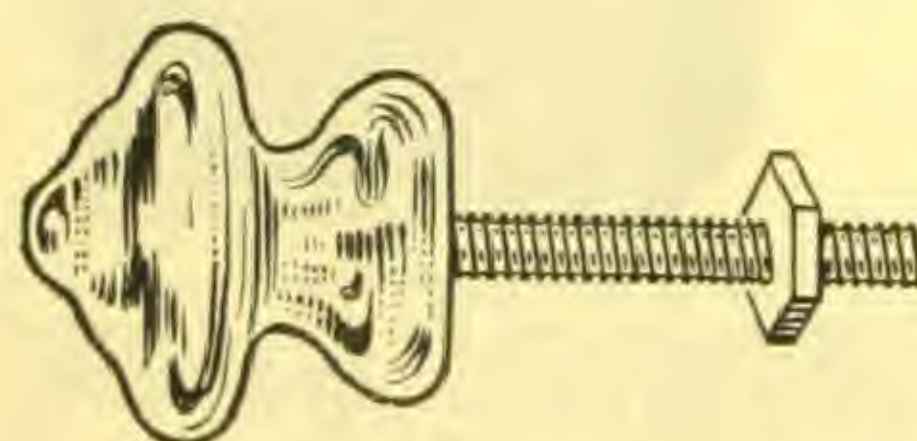
## DRAWER KNOBS



No. 5—Drawer knob; porcelain; steel screw with washer and nut.

Size, inches	1	1 $\frac{1}{4}$	1 $\frac{1}{2}$	1 $\frac{3}{4}$	2
Weight gross, lbs.	7	11	15	23	31
Per gross	\$17.30	22.00	25.30	31.30	36.00

Quarter gross in a box.



No. 16—Crystal Glass; round; diameter 1 inch; threaded stem with nut; weight per dozen  $\frac{1}{2}$  lb.

Per dozen	\$2.00
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One dozen in a box.



## Knobs



No. 69—Diameter  $\frac{3}{8}$  inch; polished brass; steel screw; weight per gross 2 lbs.

Per dozen ..... \$1.30

Three dozen in a box



No. 213—Diameter  $1\frac{1}{8}$  inch; polished brass; steel stem with nut; weight per gross  $3\frac{1}{2}$  lbs.

Per dozen ..... \$1.20

Three dozen in a box



No. 294—Size  $\frac{1}{2} \times \frac{1}{2}$  inch; cast brass; bright finish; steel screw; weight per gross 6 lbs.

Per dozen ..... \$1.70

Three dozen in a box



No. 76 $\frac{1}{2}$ —Diameter  $1\frac{1}{8}$  inch; cast brass; bright finish; steel screw; weight per gross 5 lbs.

Per dozen ..... \$1.50

Three dozen in a box

## COMMUNE TURN



No. 213 $\frac{1}{2}$ —Diameter  $1\frac{1}{8}$  inches; polished brass; steel bar and turn; weight per dozen 1 lb.

Per dozen ..... \$1.60

Three dozen in a box

## LEATHER HANDLE



No. 1291—Length 10 inches; double brown leather; stitched; supplied with metal loops; for suitcases, tool chests etc.; weight per dozen  $1\frac{1}{2}$  lb.

Per dozen ..... \$6.50

One dozen in a box

## TRAY HANDLE



No. 1218—Size  $2 \times 2\frac{1}{2}$  inches; polished brass; weight per dozen 1 lb.

Per dozen ..... \$6.00

One dozen in a box

## BOX PULL



No. 254—Size  $1\frac{1}{2} \times 2$  inches; polished brass; weight per gross  $2\frac{1}{2}$  lbs.

Per dozen ..... \$0.80

Three dozen in a box

## Drop Handles



No. 276—Size  $3\frac{1}{2} \times 2\frac{1}{2}$  inches; polished brass handle; dull brass plate with polished edge; weight per gross 3 lbs.

Per dozen ..... \$4.00

Three dozen in a box.



No. 965—Size of ring  $\frac{3}{4}$  inch; length of stem  $1\frac{3}{8}$  inch; polished brass; weight per gross  $2\frac{3}{4}$  lbs.

Per dozen ..... \$1.80

Three dozen in a box.



No. 102—Length of pull 3 inches; steel wire; brass plated; screwed steel shanks with nuts; weight per dozen 1 lb.

Per dozen ..... \$0.80

Three dozen in a box.

## Drawer Pulls



No. 56—Length of pull 3 inches; cast brass; bright finish; screwed stems with nuts; weight per dozen 2 lbs.

Per dozen ..... \$2.70

Three dozen in a box.



No. 100—Length of pull 3 inches; stamped brass; bright finish; screwed stems with nuts; weight per dozen 1 lb.

Per dozen ..... \$1.00

Three dozen in a box.



No. 36—Length of pull 3 inches; cast brass; bright finish; screwed stems with nuts; weight per dozen  $2\frac{1}{2}$  lbs.

Per dozen ..... \$3.00

Three dozen in a box.



## Cabinet Hardware

## CORNERS



HALF SIZE

No. 480—Size  $\frac{3}{8}$  x 1 inch; polished brass; weight per dozen 2 $\frac{1}{2}$  ounces.

Per dozen ..... \$1.00

Three dozen in box



HALF SIZE

No. 479—Size  $\frac{3}{8}$  x 1 $\frac{1}{2}$  inch; polished brass; weight per dozen 4 $\frac{1}{2}$  ounces.

Per dozen ..... \$1.40

Three dozen in box



HALF SIZE

No. 482—Size 1 $\frac{3}{8}$  x 1 $\frac{3}{8}$  inches; polished brass; weight per dozen 11 ounces.

Per dozen ..... \$2.50

Three dozen in box



HALF SIZE

No. 483—Size  $\frac{3}{8}$  x 1 $\frac{1}{2}$  inches; polished brass; weight per dozen 9 $\frac{1}{2}$  ounces.

Per dozen ..... \$2.70

One dozen in box

## CORNER PLATES



HALF SIZE

No. 0401—Size  $\frac{1}{2}$  x 1 inch; steel brass plated; weight per dozen 2 ounces.

Per dozen ..... \$0.60

Three dozen in box



HALF SIZE

No. 0421—Size  $\frac{1}{4}$  x 1 $\frac{1}{2}$  inch; steel brass plated; weight per dozen 2 ounces.

Per dozen ..... \$0.70

Three dozen in box



HALF SIZE

No. 0416—Size  $\frac{1}{2}$  x 1 $\frac{1}{2}$  inches; steel; brass plated; weight per dozen 2 $\frac{1}{2}$  ounces.

Per dozen ..... \$0.40

Three dozen in box



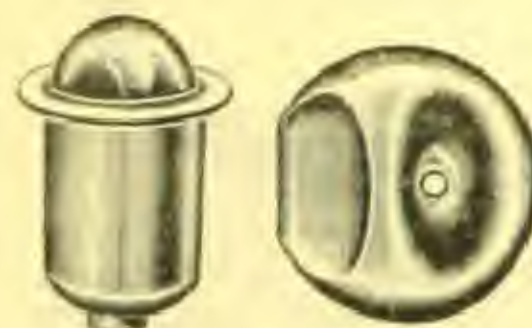
HALF SIZE

No. 0701—Size 1 $\frac{1}{8}$  x 1 $\frac{1}{8}$  inches; steel; brass plated; weight per dozen 2 $\frac{1}{2}$  ounces.

Per dozen ..... \$0.30

Six dozen in box

## CATCHES



FULL SIZE

No. 698—Size  $\frac{3}{8}$  inch; steel; brass plated strike; packed with pins weight per gross 1 lb.

Per dozen ..... \$0.90

Three dozen in box



HALF SIZE

No. 699—Size 2 x  $\frac{3}{4}$  inch; dull brass; weight per gross 2 $\frac{1}{2}$  lbs.

Per dozen ..... \$2.50

Three dozen in box



HALF SIZE

No. 804—Size  $\frac{3}{4}$  x 2 $\frac{1}{4}$  inches; polished brass; weight per gross 7 lbs.

Per dozen ..... \$2.20

Three dozen in box



HALF SIZE

No. 810—Size  $\frac{1}{4}$  x 3 inches; polished brass; weight per gross 6 $\frac{1}{2}$  lbs.

Per dozen ..... \$3.30

Three dozen in box

## HASPS



HALF SIZE

No. 863—Size 1 $\frac{1}{2}$  x 3 inches; steel; brass plated; weight per gross 1 $\frac{1}{2}$  lbs.

Per dozen ..... \$2.70

One dozen in box



FULL SIZE

No. 850—Size  $\frac{3}{8}$  x 1 $\frac{3}{4}$  inches; polished brass; pins; weight per gross 1 $\frac{1}{4}$  lbs.

Per dozen ..... \$2.50

Three dozen in box



TWO THIRD SIZE

No. 866—Size  $\frac{3}{8}$  x 1 $\frac{3}{4}$  inches; dull brass; weight per gross 2 $\frac{1}{4}$  lbs.

Per dozen ..... \$1.30

Three dozen in box



FULL SIZE

No. 859—Size  $\frac{3}{8}$  x 1 $\frac{1}{4}$  inches; dull brass; weight per gross 1 lb.

Per dozen ..... \$1.10

Three dozen in box



## Keys and Key Blanks



No. 7911—Mortise Lock Key Blank; nickel plated; malleable iron; weight per gross  $3\frac{1}{2}$  lbs.

Per dozen ..... \$0.70  
Three dozen in a box.



No. 7792 1/2—Rim Lock Skeleton Key; nickel plated; malleable iron; weight per gross 1 lb.

Per dozen ..... \$0.70  
Three dozen in a box.



No. 7792 1/2 C—Rim Lock Skeleton Key; notched bitt; nickel plated; malleable iron; weight per gross 4 lbs.

Per dozen ..... \$0.70  
Three dozen in a box.



No. 16—Mortise Lock Cut Key; nickel plated; malleable iron; for locks Nos. 900 and 206. Weight per gross  $3\frac{1}{2}$  lbs.

Per dozen ..... \$3.00  
Three dozen in a box.



No. 27—Rim Lock Cut Key; nickel plated; steel; for locks Nos. 1226, 1227 and 1241. Weight per gross 4 lbs.

Per dozen ..... \$3.00  
Three dozen in a box.



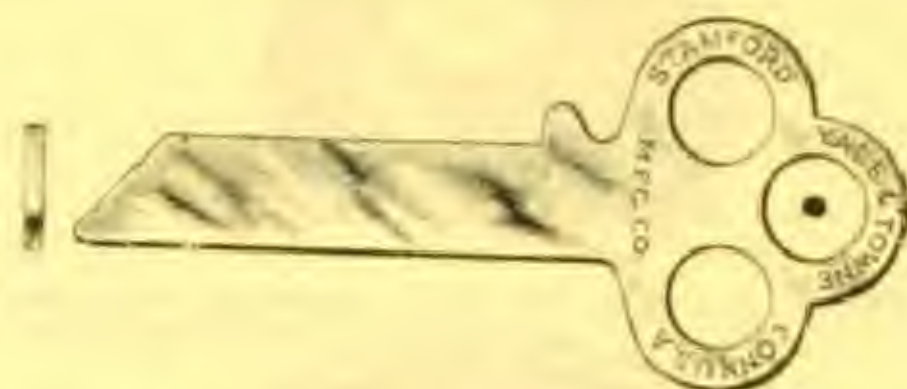
No. 51—Rim Lock Cut Key; nickel plated; steel; for locks No 1251. Weight per gross  $4\frac{1}{4}$  lbs.

Per dozen ..... \$3.00  
Three dozen in a box.



No. 16—Yale Corrugated Night Latch Blank Key for Latch No. 37, silver alloy.

Per dozen ..... \$1.80  
Three dozen in a box.



No. 3 1/2—Yale Flat steel Blank for Padlock No. 805F. Weight per dozen  $\frac{1}{2}$  lb.

Per dozen ..... \$0.50  
Three dozen in a box.



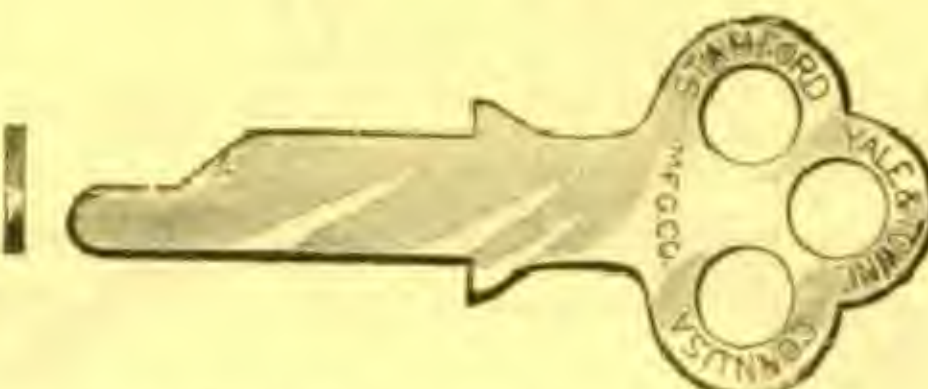
No. 8476—Night Latch Blank Key; flat steel; length over all  $2\frac{1}{8}$  inches; width of blank  $\frac{1}{8}$  inch; Weight per gross 3 lbs.

Per dozen ..... \$0.50  
Six dozen in a box.



No. 17—Yale Corrugated Blank for Latch No. 34 and 34x. Weight per dozen  $\frac{1}{2}$  lb.

Per dozen ..... \$1.80  
Three dozen in a box.



No. 1—Yale Night Latch Blank Key for Latch No. 33; flat steel. Average weight per dozen  $\frac{1}{2}$  lb.

Per dozen ..... \$0.50  
Three dozen in a box.

No. 8486—Night Latch Blank Key; flat steel; straight sides; length over all 3 inches; width of blank  $\frac{1}{8}$  inch; weight per gross  $3\frac{1}{2}$  lbs.

Per dozen ..... \$0.50  
Six dozen in a box.



No. 8—Yale Paracentric Night Latch Blank Key for Latches Nos. 042P, 042 and 42; silver alloy. Average weight per dozen  $\frac{1}{2}$  lb.

Per dozen ..... \$1.80  
Three dozen in a box.



No. 46B—Store door lock blank key; folding; nickel plated steel; for locks Nos. 441 and 451. Weight per gross 8 lbs.

Per dozen ..... \$6.30  
Three dozen in a box.

## KEY ASSORTMENTS



No. 108—Hinged lid cabinet; size 15 x 10 x  $13\frac{1}{2}$  inches; varnished finish, 24 compartments containing one gross of assorted keys and key blanks for door, cabinet and pad locks. Weight per case complete 6 lbs.

Each ..... \$12.50

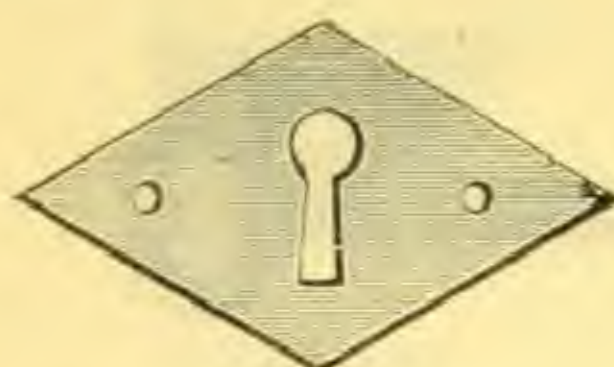


No. 106—Three drawer cabinet size 14 x  $11\frac{1}{2}$  x 5 inches; varnished finish; brass pulls; 72 compartments containing three gross of assorted keys and key blanks for till, chest, cabinet, trunk, padlock, and door locks. Weight per case complete 16 lbs.

Each ..... \$31.00

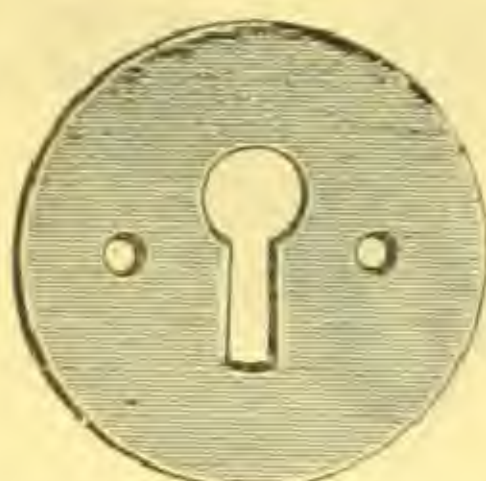


## Key Escutcheons



FULL SIZE

No. 572—Size 1 x 1½ inches; polished brass; packed with ½ inch brass pins. Weight per gross 12 ozs.  
Per dozen \$0.90  
Three dozen in box.



FULL SIZE

No. 551—Size 1½ inch; polished brass; packed with ¾ inch brass pins; weight per gross 1 lb.  
Per dozen \$0.70  
Three dozen in box.



Stamped Steel; round corner; size 1½ x 1½ inches:  
No. 936D2—Antique Copper Finish—Per dozen \$1.50  
No. 936F—Dull Brass Finish—Per dozen \$1.50  
Three dozen in a box.



Stamped Bronze; oval design; size 1½ x 1½ inches:  
No. 80032—Bright Bronze Finish—Per dozen \$2.50  
No. 70032—Dull Brass Finish—Per dozen \$2.50  
Three dozen in a box.

## DRAWER PULLS



Stamped Steel; plated finish; length over all 3½ inches; depth over all 1½ inch; two screw holes; weight per gross 8 lbs.

423A—Bronze Plated	Per dozen	\$0.80
423D2—Antique Copper	Per dozen	\$0.80
423F—Dull Brass	Per dozen	\$0.80

Three dozen in box.



No. 1—Cast Iron; length over all 3½ inches; depth over all 1½ inch; two screw holes; weight per dozen 2 lbs. Japanned finish.

Per dozen \$1.00

Four dozen in a box.



No. 4435—Cast Iron; length over all 3½ inches; depth over all 1 inch; weight per dozen 1¾ lb.

No. 4435D2—Antique Copper	Per dozen	\$2.00
No. 4435F—Dull Brass	Per dozen	\$2.00
No. 4436—Length 4 inches; weight per dozen 2¼ lbs; otherwise the same as No. 4435.		
No. 4436D2—Antique Copper	Per dozen	\$2.20
No. 4436F—Dull Brass	Per dozen	\$2.20

Three dozen in a box.

## CHEST HANDLES



No. 2600

Cast Brass; polished and lacquered finish; handle raises to right angles; measured between sockets.

Number	2600	2600	2600
Size, inches	2½	3	3½
Weight per dozen pairs, lbs.	1	1½	2
Per dozen pairs	\$6.00	8.00	10.00

Dozen pairs in a box.



No. 2082

Wrought Steel; size of plate 4¼ x 2 inches; length of handle 4 inches.

No. 2082—Japanned	Per dozen pairs	\$ 8.00
No. 2082D2—Antique Copper		
Per dozen pairs		\$12.00
No. 2082F—Dull Brass	Per dozen pairs	\$12.00

Half dozen pairs in a box.



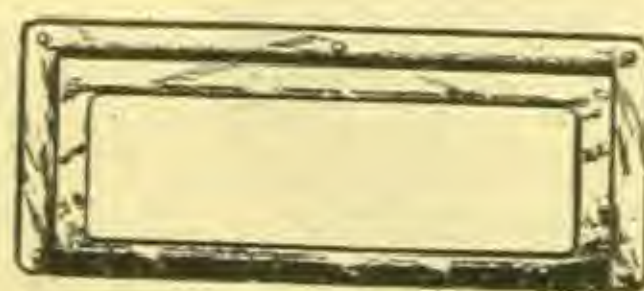
No. 1205

No. 1205—Wrought steel; japanned; handle stops at right angles.

Length of handle, inches	3½	3½	4
Size of plate, ins.	3½ x 3	3½ x 3½	4½ x 3½
Size of handle, ins.	5½	5½	5½
Weight per dozen pairs, lbs.	9	11	14
Per dozen pairs	\$4.20	6.00	8.70

One half dozen pairs in a box.

## CARD HOLDERS



No. 738—Size ¾ x 2½ inches; polished brass; packed with ½ inch pins; weight per gross 1½ lbs.  
Per dozen \$0.60  
Six dozen in box.

No. 743—Size 1¼ x 3 inches; weight per gross 2¼ lbs. Otherwise the same as 738.  
Per dozen \$0.80  
Six dozen in box.



No. 745—Size 1¼ x 2½ inches; polished brass; packed with ½ inch brass pins; weight per gross 3 lbs.

Per dozen \$1.00

Three dozen in box.



## Door Fittings

## ELBOW CATCHES



Cast iron—Weight per gross, 14 lbs.  
No. 6300—Japanned ..... Per dozen \$1.20

Two dozen in a box.

## CUPBOARD TURNS



Wrought steel; tee handle; triangle bolt; size  $2\frac{1}{4}$  x 2 inches; weight per dozen 2 lbs.  
No. 905D2—Old Copper Finish. Per dozen \$3.30  
No. 905F—Dull Brass Finish. Per dozen \$3.30  
No. 905A—Bronze Finish. Per dozen \$3.30  
Cast Iron; size  $2\frac{1}{4}$  x  $2\frac{1}{2}$  inches; weight per dozen 4 lbs.  
No. 1106D2—Old Copper Finish. Per dozen \$8.00  
No. 1106F—Dull Brass Finish. Per dozen \$8.00  
One dozen in a box with screws.

Wrought steel; oval knob; triangular bolt; size  $2\frac{1}{4}$  x 2 inches; weight per dozen 3 lbs.  
No. 906D2—Old Copper Finish. Per dozen \$3.30  
No. 906F—Dull Brass Finish. Per dozen \$3.30  
No. 906A—Bronze Finish. Per dozen \$3.30  
One dozen in a box with screws.

## Cupboard Catches



Wrought Steel; size  $1\frac{1}{2}$  x 1 inch; triangular bolt. Weight per gross, 12 lbs.  
No. 1730D2—Antique Copper Finish. Per dozen \$2.70  
No. 1730F—Dull Brass Finish. Per dozen \$2.70  
Wrought steel; size  $1\frac{1}{2}$  x  $1\frac{1}{8}$  inches; triangular bolt. Weight per gross, 14 lbs.  
No. 973D2—Antique Copper Finish. Per dozen \$2.40  
No. 973F—Dull Brass Finish. Per dozen \$2.40  
No. 973A—Bronze Finish. Per dozen \$2.40

Cast iron; porcelain knob; size  $1\frac{1}{4}$  x 2 inches; weight per gross, 18 lbs.  
No. 272 $\frac{1}{2}$ —Tuscan Bronze Finish.  
Per dozen \$1.80  
Two dozen in box with screws.

Cast iron; metal knob; size  $1\frac{1}{4}$  x 2 inches; weight per gross, 18 lbs.  
No. 272—Tuscan Bronze Finish. Per dozen \$1.80  
Two dozen in a box with screws.

## Door Pulls



Steel wire; length over all 5 inches; weight per gross 9 lbs.  
No. 1420—Copper Plated. Per gross \$2.70  
Six dozen in a box.

Wrought steel; length over all  $1\frac{1}{4}$  inches; weight per dozen 1 lb.  
No. 1258A—Bronze plated finish. Per dozen \$1.00  
No. 1258D2—Antique Copper Finish. Per dozen \$1.00  
One dozen in a box.

Cast iron; length over all  $4\frac{1}{2}$  inches; weight per gross 18 lbs.  
No. 2—Japanned Finish. Per gross \$6.50  
No. 02D2—Antique Copper Finish. Per gross \$13.20  
Four dozen in a box.



Cast Iron; length over all  $5\frac{1}{4}$  inches; width  $2\frac{1}{4}$  inches; length of grip  $2\frac{1}{2}$  inches; weight per dozen  $4\frac{1}{2}$  lbs.  
No. 275—Japanned Finish. Per dozen \$1.50  
No. 280D2—Antique Copper Finish. Per dozen \$3.50  
No. 280F—Dull Brass Finish. Per dozen \$3.50  
One dozen in a box.

Wrought Steel; length over all  $7\frac{1}{4}$  inches; width  $1\frac{1}{2}$  inch; length of grip 4 inches. Weight per dozen 3 lbs.  
No. 575—Japanned Finish. Per dozen \$2.20  
One dozen in a box.



Cast Brass; length over all 6 inches; length of grip  $3\frac{1}{4}$  inches; diameter of plates  $1\frac{1}{2}$  inch; weight per dozen 8 lbs.  
No. 293—Polished Brass Finish. Per dozen \$16.00  
One dozen in a box.

Wrought Steel; rolled edges; reinforced; length over all  $10\frac{1}{4}$  inches; length of grip 6 inches; width of grip  $1\frac{1}{4}$  inch; width at ends  $2\frac{1}{2}$  inches; weight per dozen 9 lbs.  
No. 1265—Japanned Finish. Per dozen \$10.50  
One dozen in a box.



## Sash Fasteners



Carretsons; cast iron; berlin bronze finish;  
weight per gross 12 lbs.

Per gross..... \$19.50

Half gross in a box



Ruby; cast iron; size  $2\frac{1}{2} \times 1\frac{1}{2}$  inches; plated  
finish; weight per dozen 3 lbs.

No. 26D2—Antique Copper Finish..... \$1.80

Per dozen..... \$1.80

No. 26F—Dull Brass Finish..... \$1.80

Per dozen..... \$1.80

One dozen in a box with screws.



Signal; cast iron; size  $1\frac{3}{4} \times 1\frac{1}{2}$  inches; plated  
finish; weight per dozen 4 lbs.

No. 23D2—Antique Copper Finish..... \$2.60

Per dozen..... \$2.60

No. 23F—Dull Brass Finish..... \$2.60

Per dozen..... \$2.60

One dozen in a box with screws.

## SASH LIFTS



Wrought steel; level edge; size  $1\frac{1}{2} \times 1\frac{1}{2}$  inches;  
plated finish; weight per gross 12 lbs.

No. 486D2—Antique Copper Finish..... \$7.00

Per gross..... \$7.00

No. 486F—Dull Brass Finish..... \$7.00

Per gross..... \$7.00

Three dozen in a box with screws.



Cast iron; length over all  $4\frac{1}{2}$  inches; length of  
opening  $2\frac{7}{8}$  inches; plated finish; weight per  
dozen 4 lbs.

No. 6568D2—Antique Copper Finish..... \$2.40

Per dozen..... \$2.40

No. 6568F—Dull Brass Finish..... \$2.40

Per dozen..... \$2.40

One dozen in a box with screws.

## WINDOW BOLTS



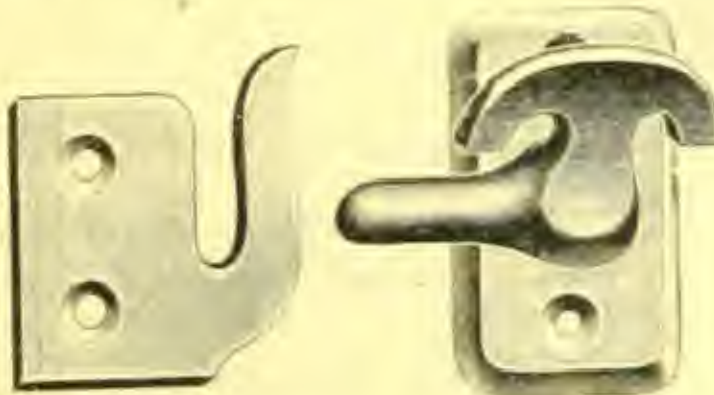
Spring bolt; cast iron; rust proof sleeve; coil  
spring; length 3 inches; weight per gross 8 lbs.

No. 15—Coppered Finish..... \$7.00

Per gross..... \$7.00

One half gross in a box.

## CASEMENT FASTENERS



Wrought steel plate;  $1\frac{1}{2} \times 1\frac{7}{8}$  inches; cast iron; rim striker; plated  
finish; weight per dozen  $2\frac{1}{2}$  lbs.

No. 9911D2—Antique Copper Finish..... \$4.50

Per dozen..... \$4.50

No. 9911F—Dull Brass Finish..... \$4.50

Per dozen..... \$4.50

One dozen in a box, with screws

## CASEMENT ADJUSTERS



Cast iron; with round steel rod; size of base  $2\frac{1}{4} \times \frac{3}{4}$  inches; size of rod  
 $1\frac{1}{2} \times \frac{1}{8}$  inches; plated finish; for sash opening out; weight per dozen  $8\frac{1}{2}$  lbs.

No. 9878D2—Antique Copper Finish..... \$11.00

Per dozen..... \$11.00

No. 9878F—Dull Brass Finish..... \$11.00

Per dozen..... \$11.00

One dozen in a box with screws.

## TRANSOM CATCHES



Wrought steel; with rim strike; size  $2\frac{3}{8} \times 1\frac{1}{2}$   
inches without strike; plated finish; weight per  
dozen 3 lbs.

No. R9882D2—Antique Copper Finish..... \$6.00

Per dozen..... \$6.00

No. R9882F—Dull Brass Finish..... \$6.00

Per dozen..... \$6.00

One dozen in a box with screws.

## TRANSOM CHAINS



Wrought steel plated;  $1\frac{1}{2} \times 1\frac{1}{2}$  inches; length  
of chain 10 inches; plated finish; weight per dozen  
3 lbs.

No. 9881D2—Antique Copper Finish..... \$4.00

Per dozen..... \$4.00

No. 9881F—Dull Brass Finish..... \$4.00

Per dozen..... \$4.00

One dozen in a box with screws.

## TRANSOM LIFTERS

Wrought steel; copper plated finish; diameter  
of rod  $\frac{1}{4}$  inch; will operate top, center or bottom  
hung transoms, and may be used on either right  
or left hand side.

No. 201X3—Three feet; weight each 1 lb.

Each..... \$0.80

No. 201X4—Four feet; weight each  $1\frac{1}{4}$  lb.

Each..... \$0.80

Open stock.



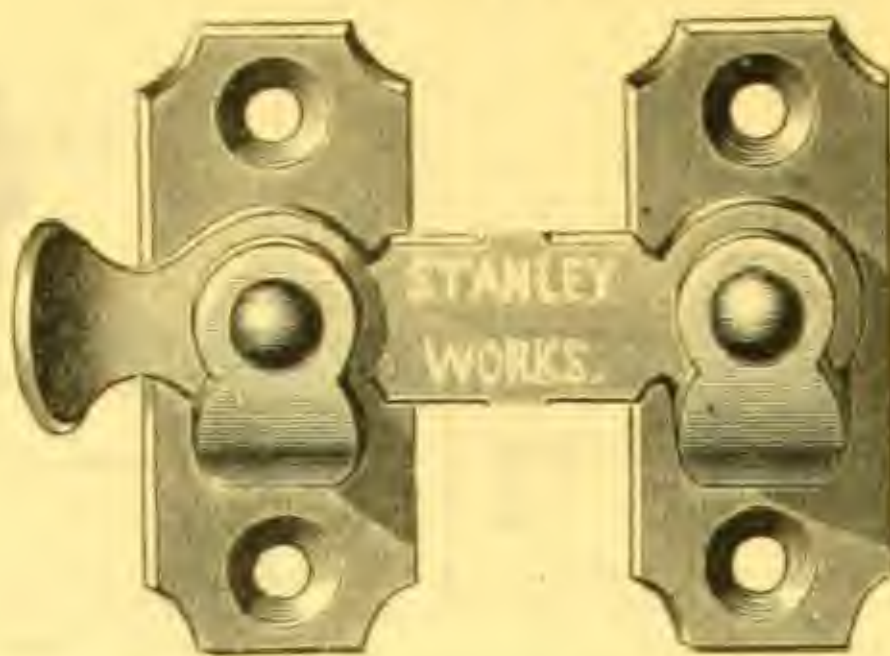


BLIND HINGES



No. 1—Cast Iron; for wood; size open  $2\frac{1}{4} \times 2\frac{1}{4}$  inches; throws blind  $1\frac{1}{4}$  inch from casing; sets contain two right and two left hand hinges and two sill catches; weight per set  $1\frac{1}{4}$  lb.  
Per dozen sets ..... \$4.30  
No. 3—Cast Iron; for brick; size open  $3 \times 2\frac{1}{4}$  inches; throws blind  $1\frac{1}{4}$  inch from casing; sets contain two left hand hinges and two sill catches; weight per set 2 lbs.  
Per dozen sets ..... \$8.00  
Ten dozen sets in a case.

SHUTTER BARS



Wrought Steel; length of bar 2 inches; size of plate  $2\frac{1}{2} \times \frac{1}{2}$  inches; plated finish; weight per dozen  $1\frac{1}{2}$  lb.  
No. 450D2—Old Copper finish.  
Per dozen ..... \$2.50  
No. 450F—Dull brass finish.  
Per dozen ..... \$2.50  
One dozen in a box with screws.

SASH CENTERS



No. 2—Cast Iron; size of plates  $\frac{1}{2} \times 3$  inches; size of stem  $\frac{3}{4}$  inches; weight per dozen 5 lbs.  
Per dozen sets ..... \$1.60  
Three dozen sets in a box.

STOP BEAD ADJUSTERS



No. 14DB—Wrought Steel; dull brass finish; size of hole required to apply  $\frac{1}{2}$  inch; length of screws supplied 1 inch; weight per gross  $1\frac{1}{2}$  lb.  
Per gross ..... \$3.50  
One gross in a box.

STORM SASH FASTENERS



No. 1719—Wrought Steel; japanned; size  $10 \times \frac{1}{2}$  inches; holds sash securely open at any point desired; locks sash when closed; weight per dozen 6 lbs.  
Per dozen pairs ..... \$3.50  
One dozen in a box with screws.

STORM SASH HANGERS



No. 1717—Wrought Steel; japanned; size of hanger  $3 \times 1$  inches; size of bracket  $2 \times 1$  inches; for storm sash or window screens; weight per dozen sets  $2\frac{1}{2}$  lbs.  
Per dozen sets ..... \$2.50  
One dozen sets in a box with screws.

SASH CORD



Hercules; hard braided cotton; uniform size and quality; paraffine coated; in hanks and coils.  
Number ..... 5 6 7 8 9 10  
Diameter, inches .....  $\frac{7}{8}$   $\frac{3}{4}$   $\frac{5}{8}$   $\frac{1}{2}$   $\frac{3}{8}$   $\frac{3}{16}$   
Feet per pound ..... 100 66 55 44 36 27  
Hanks of 100 feet per lb. .... \$2.30 1.32 1.30 1.28 1.28 1.28  
Coils of 100 lbs., per lb. .... \$2.30 1.32 1.30 1.28 1.28 1.28

SASH WEIGHTS



Cast Iron; round; hollow eye and groove for the cord.  
Solid weights 4, 5, 6, 7, 8, 9, 10, 12, 14, and 15.  
Per 100 lbs ..... \$5.50  
Sectional weights  $\frac{1}{2}$  and 1 lb.  
Per 100 lbs ..... \$6.00  
Open stock.

Axle Pulleys



No. 1100—Cold rolled Steel; length of case  $2\frac{1}{4}$  inches; thickness of case  $\frac{3}{4}$  inch; diameter of wheel 2 inches; inserted by boring four holes with a  $\frac{3}{4}$  inch butt; weight per dozen  $1\frac{1}{2}$  lb.  
Per dozen ..... \$1.30  
No 1090—Inserted by boring three holes; otherwise as above. Per dozen ..... 1.30  
Open stock.



No. 102—Cast Iron; size of face plate  $4\frac{1}{2} \times 1$  inches; diameter of wheel 2 inches; polished wheels; steel axes; weight per dozen 6 lbs.  
Per dozen ..... \$1.90  
Open stock.



## Bolts

## BARREL BOLTS



Wrought Steel with steel plate and brass knob.

Size, inches	2½	3	4	5	6	
Weight per dozen lbs.	1½	1¼	2½	5	6	
No. 1078—Japanned	Per dozen	\$2.00	2.40	2.80	3.30	4.00
No. 406D2—Antique Copper Finish	Per doz	\$3.25	4.20	4.80	5.70	7.00
No. 406F—Dull Brass Finish	Per dozen	\$3.20	4.20	4.80	5.70	7.00

One dozen in a box.

## SQUARE BOLTS

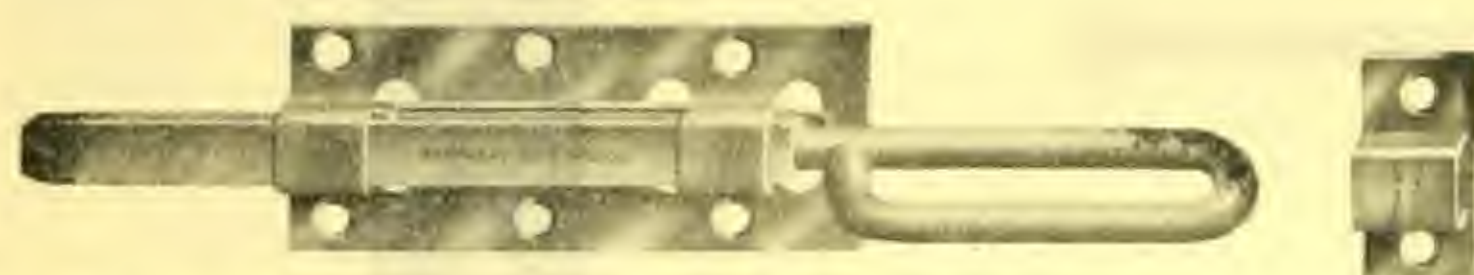


No. 1088—Wrought Steel; polished bolt; japanned plate; steel springs.

Size, inches	6	8	10
Weight per dozen, lbs.	6	12	20
Per dozen	\$7.50	10.70	15.50

One dozen in a box.

## GARAGE BOLTS



No. 10—Wrought Steel; polished bolt; japanned plate; loop handle; surface or flush keeper.

Size, inches	12	18	24	30
Weight per dozen, lbs.	23	27	30	33
Per dozen	\$12.00	15.60	20.00	22.80

Open stock.

## FOOT BOLTS



Cast Iron Case and Bolt; coil spring; plated finish.

Size, inches	6
Weight per dozen, lbs	12
No. 484PD2—Antique Copper Finish.	
Per dozen	\$16.00
No. 484PF—Dull Brass Finish.	
Per dozen	\$16.00
Half dozen in a box.	

Half dozen in a box.

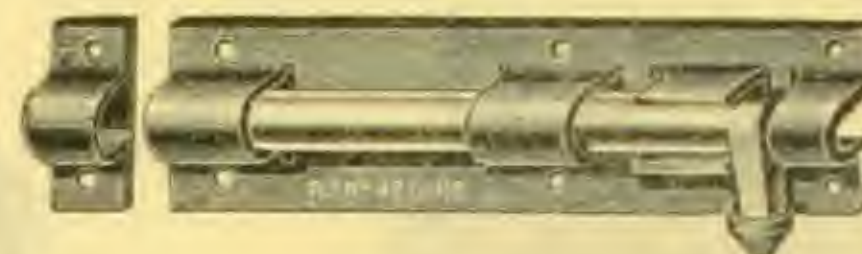


Wrought Steel; round bolt; flush floor plate; foot release; cap plate and release are bronzed. Packed with screws.

Size, inches	6	10
Width of plate, inches	2	3 3/4
Diameter of bolt, inches	5/8	7/8
Length of throw, inches	1	1 1/2
Weight per dozen, lbs.	10	30
No. 1056J—Japanned Finish	Per dozen	\$15.00
No. 356F—Dull Brass Finish	Per dozen	\$18.00

Half dozen in a box.

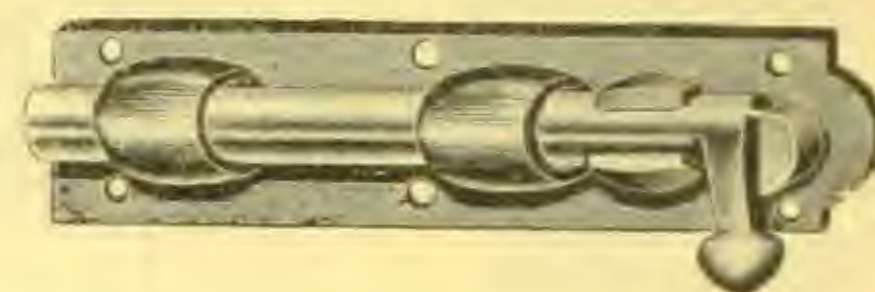
## TOWER BOLTS



No. 09—Wrought Iron; japanned plate and polished bolt.

Size, inches	3	4	5	6	8
Weight per dozen, lbs.	4	5	6 1/2	9	14
Per dozen	\$2.00	2.40	3.00	3.60	5.00

One dozen in a package.



No. 100—Wrought Iron; heavy pattern; japanned plate and polished bolt.

Size, inches	3	4	5	6	8
Weight per dozen, lbs.	5	6	8	11	17
Per dozen	\$2.50	3.30	4.00	4.80	6.50

One dozen in a package.

## CELLAR WINDOW BOLTS

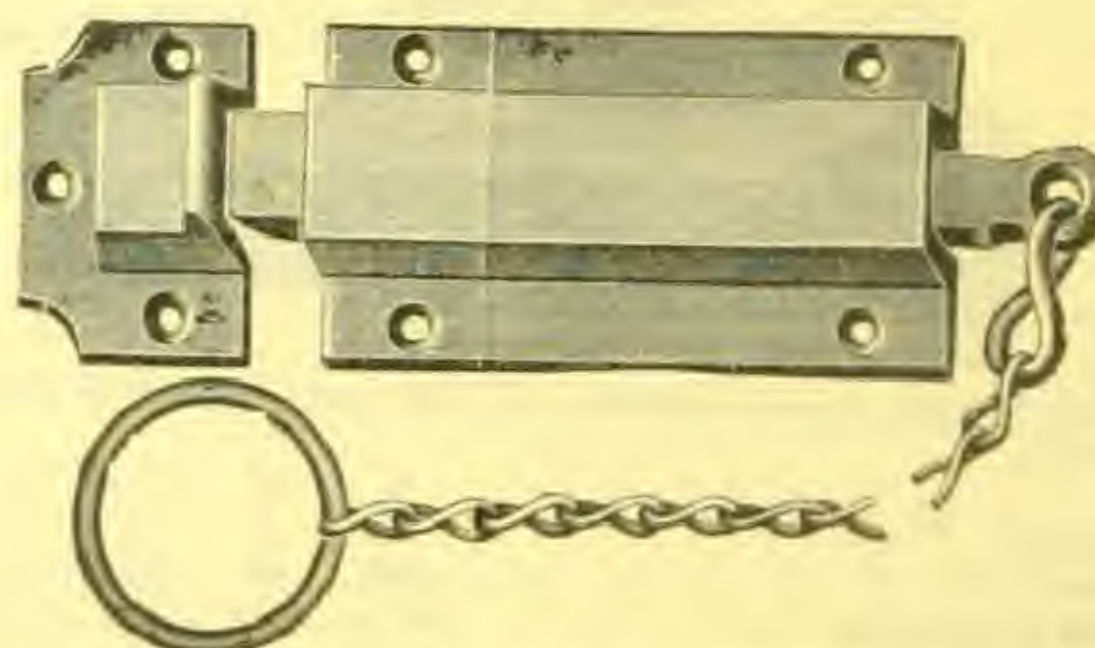


No. 1076—Wrought Steel; strip staple; japanned plate; polished bolt.

Length, inches	2	2 1/2	3
Weight per dozen, lbs.	1 1/2	2	2 1/2
Per dozen	\$2.20	2.30	2.90

One dozen in a box.

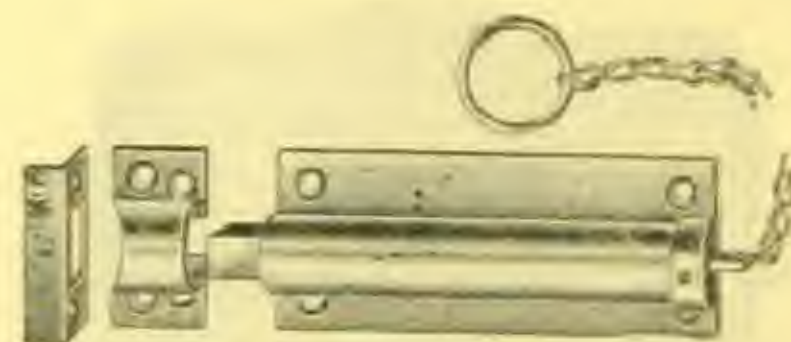
## CHAIN BOLTS



Cast Iron Case and Bolt; coil spring; steel chain; plated finish.

Size, inches	6
Weight per dozen, lbs.	13
No. 4934PD2—Antique Copper Finish.	
Per dozen	\$18.00
No. 4934PF—Dull Brass Finish.	
Per dozen	\$18.00

Half dozen in a box.



Wrought Steel; round bolt; steel chain 24 inches long; bolt is reversible; packed with surface and flush keepers, and with screws.

Size, inches	6	10
Width of plate, inches	2	3 3/4
Diameter of bolt, inches	5/8	7/8
Weight per dozen, lbs.	13	34 1/2
No. 1055J—Japanned Finish	Per dozen	\$16.00
No. 355F—Dull Brass Finish	Per dozen	\$20.00

Half dozen in a box.



# Bolts

## FLUSH BOLTS



Wrought steel; plates are 1 inch wide; lip extension 1 1/4 inch; bolts are 1/2 inch diameter and have 3/4 inch throw; plated finish.

Length, inches	6	9	12
Weight per dozen, lbs.	5	7	8

No. 395D2—Antique Copper Finish  
Per dozen \$15.70 17.50 19.50

No. 395F—Dull Brass Finish  
Per dozen \$15.70 17.50 19.50

Half dozen in a box.



Wrought steel, plates are 1 1/2 inch wide; lip extension; bolts are 3/4 inch and have 1/2 inch throw; plated finish.

Length, inches	4	6
Weight per dozen, lbs.	1	1 1/4

No. 394D2—Antique Copper Finish  
Per dozen \$7.30 7.70

No. 394F—Dull Brass Finish  
Per dozen \$7.30 7.70

One dozen in a box.

## SPRING BOLTS



Wrought brass and steel; bright finish; box keeper;

Length, inches	2	2 1/2	3	4
Weight per dozen, lbs.	2 1/4	3 1/4	4	5 1/4

No. 2609B—Brass  
Per dozen \$1.20 1.40 1.70 2.00

No. 2609S—Steel  
Per dozen \$ .80 .90 1.20 1.50

One dozen in a box.

## TRAP DOOR RINGS



No. 1215Jx1—Wrought steel; size of plate 3 1/2 x 3 inches; size of ring wire 1/4 inch; japanned finish; weight per dozen 7 lbs.

Per dozen \$ 4.30

One dozen in a box.

## DOOR BUTTONS



No. 10—Cast Iron; japanned; as shown in cut.

Size, inches	1 1/2	1 3/4	2	2 1/2	Half
Weight per gross, lbs.	3	4	6	11	3

Per gross \$1.70 1.90 2.30 4.00 1.90

One gross in a box.

No. 20—Cast iron; japanned on plates.

Size, inches	1 1/2	1 3/4	2	2 1/2
Weight per gross, lbs.	9	12	15	28

Per gross \$9.00 10.00 12.00 16.00

Half gross in a box.

No. 2419—Cast brass; polished as shown in above cut.

Size, inches	1	1 1/4	1 1/2	2
Weight per gross, lbs.	1 1/2	1 3/4	2 1/2	4 1/4

Per gross \$11.00 13.00 16.50 24.00

One gross in a box.

## MORTISE BOLTS



Wrought Brass; Length 1 1/4 inches; size of plate 3/4 x 1 1/2 inches. Weight per dozen 4 lbs.

No. 798D2—Antique Copper Finish  
Per dozen \$10.00

No. 798DB—Dull brass Finish  
Per dozen \$10.00

Dozen in a box.

## DOOR CHAINS



No. 5332—Cast Brass; size of plate 5 x 1 1/4 inches; length of chain 6 inches; solid link; extra strong; polished finish; weight per dozen 4 1/4 lbs.

Per dozen \$24.00

No. 958—Cast iron; size of plate 5 x 1 1/4 inches; length of chain 6 inches; bronze plated finish; weight per dozen 4 1/2 lbs.

Per dozen \$14.00

Half dozen in a box.

## Door Stops

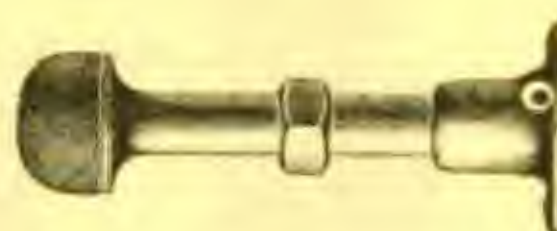


Cast Iron; rubber tipped; height 1 1/2 inches; three screw holes; weight per dozen 1 3/4 lbs.

No. 1201D2—Antique Copper Finish  
Per dozen \$ 3.50

No. 1201F—Dull Brass Finish  
Per dozen \$ 3.50

One dozen in a box.



Cast Iron; rubber tipped; length 2 1/2 inches; three screw holes; weight per dozen 2 lbs.

No. 1202D2—Antique Copper Finish  
Per dozen \$ 3.50

No. 1202F—Dull Brass Finish  
Per dozen \$ 3.50



No. 111

No. 111—Maple; improved rubber tip; iron screw; length 2 1/2 inches; plain finish; weight per gross 15 lbs.

Per gross \$ 8.50

Quarter gross in a box.

## DOOR HOLDERS

Wrought steel; size of plate 5 x 2 inches; diameter of bolt 3/4 inch; length of throw 1 1/4 inch; rubber tip; can be thrown or released by slight pressure of the foot; recommended for doors with checks or double acting hinges; weight per dozen 11 lbs.

No. 456D2—Antique Copper Finish  
Per dozen \$24.00

No. 456F—Dull Brass Finish  
Per dozen \$24.00

One in a box.



No. 456



## Hammock Hooks



No. 128—Tinned Screw Style; wrought iron hook with 2 1/2 inch screw eye. Weight per dozen, 5 lbs.

Per dozen ..... \$2.00

Dozen in box.



No. 138—Tinned Plate Style; wrought iron hook; 1/2 inch material; plate 1 3/4 x 1 3/4 inches; weight per dozen, 5 lbs.

Per dozen ..... \$2.00

Dozen in box.

## Meat Hooks



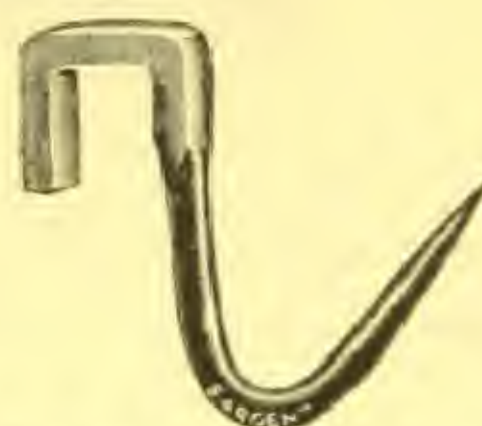
S Hook; Tinned; Wrought Steel  
No. 64—Size 1/4 x 4 inches.  
Weight per gross, 16 lbs.

Per dozen ..... \$1.80

No. 65—Size 5/16 x 5 inches.  
Weight per gross, 27 lbs.

Per dozen ..... \$2.00

Dozen in package.



No. 205—Bar Hook; for 2 inch bar; tinned; wrought steel; size 3/8 x 4 inches. Weight per gross 84 lbs.

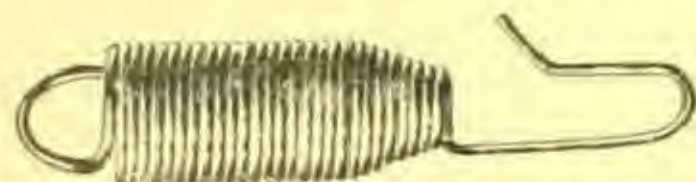
Per dozen ..... \$2.30

No. 225—Bar Hook; for 2 inch bar; tinned wrought steel; size 3/8 x 4 1/2 inches. Weight per gross, 96 lbs.

Per dozen ..... \$4.20

Dozen in package.

## Bird Cage Spring



No. 425—Brass Plated Coil Spring; 3 3/4 inches with hook and ring.

Per dozen ..... \$0.80

## Shelf Brackets



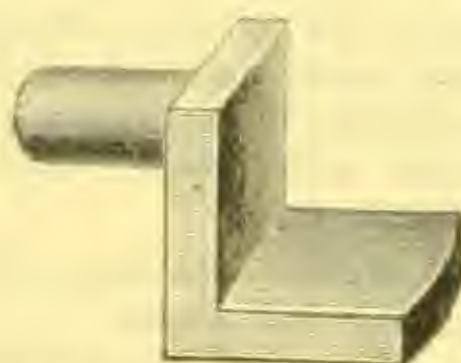
No. 140—Stanley; Japanned; Rigid Wrought Steel.

Size, inches	4x5	5x7	6x8	7x9	8x10	10x12	12x14
Weight per dozen pairs, lbs.	5 1/2	7	9 1/2	12	15	24	36

Per dozen pairs ..... \$2.50 4.00 4.60 5.40 6.20 9.00 14.40

Half dozen pairs in a box.

## Shelf Rests



No. 21—Wrought Steel; Milled Pin; Coppered Finish; weight per gross, 5 lbs.

Per dozen ..... \$0.60

Gross in box.

## Chandelier Hooks



No. 410—Berlin Bronzed; steel hook and screw.

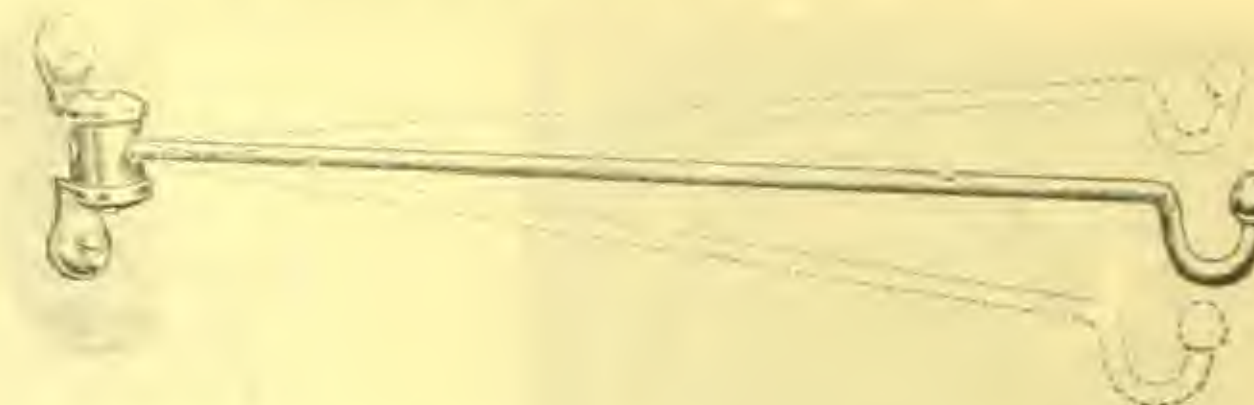
Size, inches	3	4	6	8	10
App. weight, per dozen, lbs.	2 1/4	2 1/2	3 1/2	3 3/4	4
No. 410, Per dozen	\$2.50	2.70	3.00	3.30	3.80
No. 240, Per dozen	\$3.50	4.80	6.00		

One dozen in a box.



No. 240—Berlin Bronzed; ornamental cast hook; steel screw.

## Bird Cage Hooks

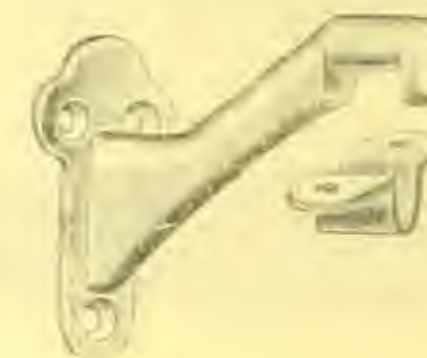


Handy; all steel; movable bar; length of bar 10 inches; nickel plated finish; weight per dozen 5 lbs.

Per dozen ..... \$3.20

One dozen in a box.

## Rail Brackets



Cast Iron; 3 1/2 inch Projection. Weight per dozen, 8 lbs.

No. 420—Berlin Bronze Finish ..... Per dozen \$3.60

No. 420F—Dull Brass Finish ..... Per dozen \$5.30

Half dozen in box.

## Corner Braces



No. 997—Wrought Steel; polished finish countersunk holes.

Length, inches	1 1/2	2	2 1/2	3	3 1/2	4
Width, inches	1 1/2	2	2 1/2	3	3 1/2	4
Screw holes	4	4	4	4	4	4
Size of screws	7	8	8	9	9	10
Weight per dozen, lbs.	3 1/2	3 1/4	1	1 1/2	2	2 1/2

Per dozen ..... \$0.35 0.40 0.45 0.50 0.55 0.60

Open stock.



# Coat and Hat Hooks



Cast Iron: joggled finish.

Numbers	1	2	3
Projection, inches	3	3½	4
Weight per gross, lbs.	15	17	27
Per gross	\$10.00	10.80	14.00

Six dozen in a box.



Cast Iron: 3¼ inch projection; plate finish; weight per gross 30 lbs.

No. 977D2—Antique Copper Finish—	
Per gross	\$30.00
No. 977F—Dull Brass Finish—	
Per gross	\$30.00

Two dozen in a box.



Cast Iron: plated finish.

Numbers	102	103	104
Height, inches	4	5½	6½
Projection, inches	3	4	4
Weight per gross, lbs.	44	64	85
Antique Copper. Per gross	\$19.20	23.00	27.00
Dull Brass. Per Gross	19.20	23.00	27.00

One dozen in a box.



HALL HOOK

Cast Iron: ornamental; 3½ inch projection; length 7½ inches; plated finish; weight per gross 100 lbs.

No. 1185D2—Antique Copper Finish—	
Per gross	\$72.00
No. 1185F—Dull Brass Finish—	
Per gross	\$72.00

Half dozen in a box.



SCHOOLHOUSE HOOK

Cast Iron: 3 inch projection; weight per gross 30 lbs.

No. 21—Japanned Finish—	Per gross \$12.00
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Three dozen in a box.



No. 146—Coppered Steel Wire Hat and Coat Hooks; to screw; 3 inch projection. Weight per gross 7½ lbs.

Per gross	\$2.30
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Half gross in box.

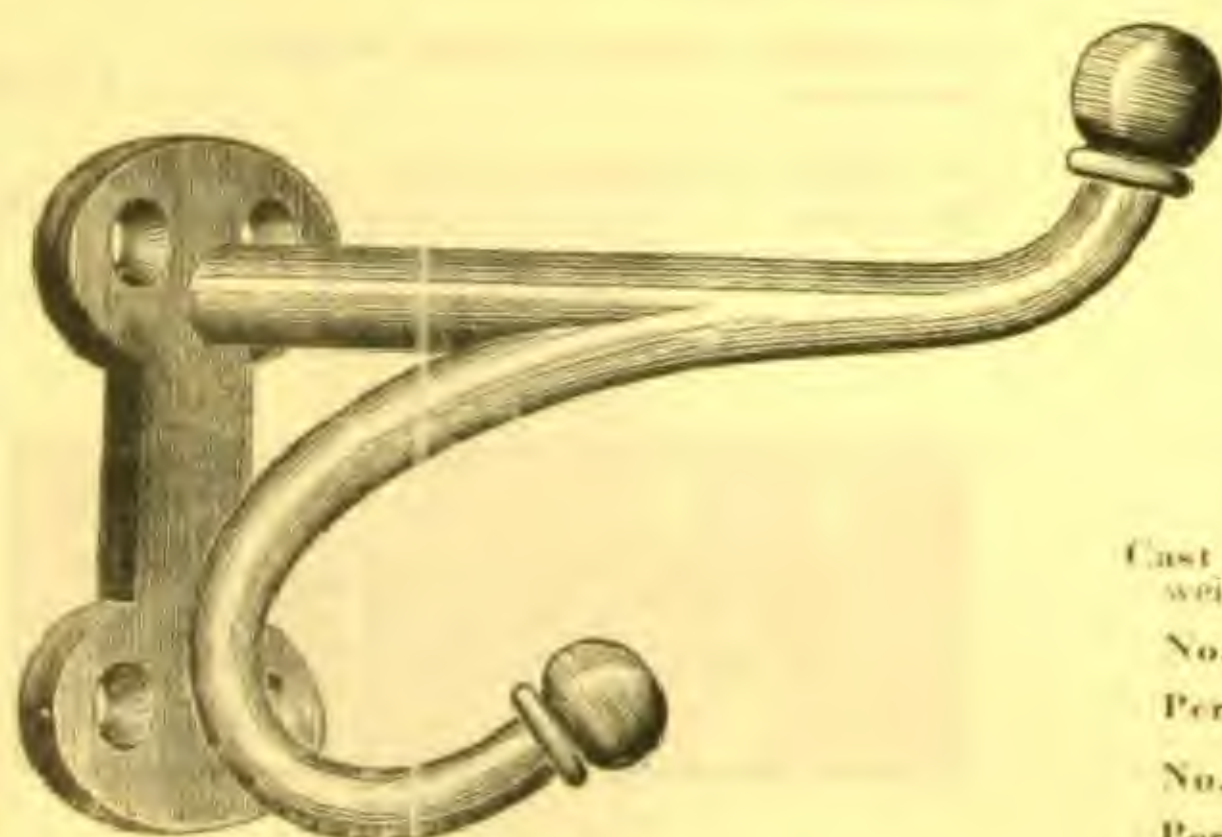


CEILING HOOK

Steel wire; to screw in; 2 inch projection; spread 3¼ inches; weight per gross 7 lbs.

Per gross	\$4.00
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Half gross in a box.



HARNESS HOOK

Cast Iron: heavy pattern, four screw holes; japanned finish.

No. 166—8 inch projection; weight per dozen 16 lbs.	
Per dozen	\$4.20

No. 18—13½ inch projection; weight per dozen 55 lbs.	
Per dozen	\$10.80

One dozen in a box.



CEILING HOOK

Cast Iron: 2¼ inch projection; plated finish; weight per gross 50 lbs.

No. 206D2—Antique Copper Finish—	
Per gross	\$72.00
No. 206F—Dull Brass Finish—	
Per gross	\$72.00



WARDROBE HOOK

Cast Iron: 2¼ inch projection; plated finish; weight per gross 13 lbs.

No. 203D2—Antique Copper Finish—	
Per gross	\$18.00
No. 203F—Dull Brass Finish—	
Per gross	\$18.00



## Show Case Fixtures



No. 347

Ball bearing electric welded sheaves; true running; strong and accurate; wrought steel frame; side gauge flanges; easily applied; case  $\frac{1}{2}$  inch thick; cut full size.

Per dozen ..... \$ 2.20

## FLUSH RINGS



No. 311—Cast Brass; diameter  $1\frac{1}{2}$  inches; inside diameter of ring  $\frac{3}{8}$  inch; polished brass finish; weight per dozen 10 ozs.

Per dozen ..... \$ 6.50

One dozen in a box.



No. 42

Wrought steel track; smooth face; countersunk holes; for No. 347 and 11 sheaves as shown herewith; lengths of 6 and 8 feet.

Per 100 feet ..... \$16.00

We do not cut above lengths.

## FLUSH PULLS



No. 902—Wrought bronze; size of plate  $1\frac{5}{8} \times 3$  inches; size of finger space  $\frac{3}{4} \times 2\frac{3}{4}$  inches; polished bronze finish; weight per dozen 5 ozs.

Per dozen ..... \$ 2.20

Three dozen in a box.

## PUSH PLATES



OTTAWA

Wrought steel; round corner or Ottawa design; size  $2\frac{3}{4} \times 10$  inches; weight per dozen 5 lbs.

OttawaD2—Antique Copper Finish.

Per dozen ..... \$ 6.00

OttawaF—Dull Brass Finish.

Per dozen ..... \$ 6.00

Half dozen in a box.



RANDOLPH

Wrought steel; deep bevel or Randolph design; size  $2\frac{3}{4} \times 10$  inches; weight per dozen 5 lbs.

RandolphD2—Antique Copper Finish.

Per dozen ..... \$ 6.00

RandolphF—Dull Brass Finish.

Per dozen ..... \$ 6.00

Half dozen in a box.

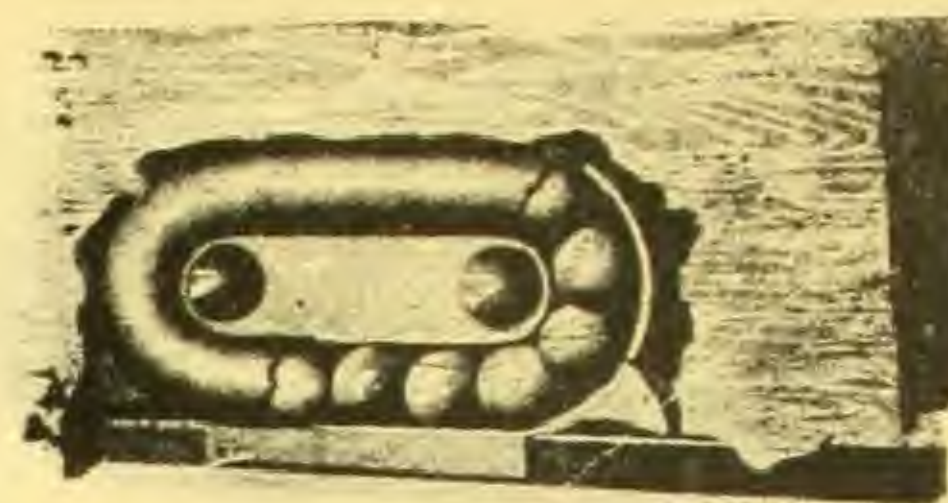


CHINA

Porcelain finish; white china size  $3 \times 11\frac{1}{2}$ ; takes flat or round head screws; weight per dozen  $6\frac{1}{2}$  lbs.

No. 339—Per dozen \$10.00

Half dozen in a box.



No. 21

Ball Bearing Sheaves; electric welded case; case hardened balls; easy and smooth running; thickness  $\frac{1}{2}$  inch; length  $1\frac{3}{4}$  inches; cut full size.

Per dozen ..... \$ 4.00

## HOUSE NUMBERS



Wrought aluminum; polished finish; broad face design; do not tarnish or corrode; height 3 inches; weight per hundred, 1 lb. Numbers 1 to 0.

Per hundred ..... \$ 4.00

No. 3110—Assortment contains ten of each number 1 to 0 in display case.

Each ..... \$ 4.20

## LETTER PLATES



Wrought steel; deep bevel design; size of plate  $2\frac{3}{4} \times 6\frac{1}{2}$  inches; size of opening  $1 \times 4\frac{1}{2}$  inches; weight per dozen 5 lbs.

No. 9693D2—Antique Copper Finish.

Per dozen ..... \$ 9.00

No. 9693F—Dull Brass Finish.

Per dozen ..... \$ 9.00



Cast Bronze; plain square corner design; size of plate  $2\frac{3}{4} \times 6\frac{3}{4}$  inches; size of opening  $1 \times 4\frac{1}{2}$  inches; weight per dozen 8 lbs.

No. 975D2—Antique Copper Finish.

Per dozen ..... \$34.50

No. 975F—Dull Brass Finish.

Per dozen ..... \$34.50

Half dozen in a box.



## Rotary Door Bells



No. 8806



GONG



No. 8895

Wrought Bonze plate; cast bronze turn; nickel plated steel gong.

Number	Finish	Size of plate, ins.	Size of gong, inches,	Weight per dozen lbs.	Per dozen
8806D2	Antique Copper	3 1/4 x 1 1/2	3	9	\$12.00
8806F	Dull Brass	3 1/4 x 1 1/2	3	9	\$12.00
8895D2	Antique Copper	3 1/4 x 1 1/2	3	9	\$12.00
8895F	Dull Brass	3 1/4 x 1 1/2	3	9	\$12.00

One in a box with screws.



No. 036



GONG



No. 033

Cast brass plate; cast brass turn; nickel plated bell metal gong.

Number	Finish	Size of plate, inches.	Size of gong, inches,	Weight per dozen, lbs.	Per dozen
036D2	Antique Copper	3 1/4 x 1 1/2	3	12	\$32.00
036F	Dull Brass	3 1/4 x 1 1/2	3	12	\$32.00
036A	Bronze	3 1/4 x 1 1/2	3	12	\$32.00
033D2	Antique Copper	2 1/2 x 1 1/2	3	10	\$32.00
033A	Bronze	2 1/2 x 1 1/2	3	10	\$32.00

One in a box with screws.

## Electric Push Buttons



STERLING DESIGN;

Cast bronze; flush button; size of plate 3 1/2 x 1 5/8 inches.

No. 33735—Polished brass finish. Each \$4.00



ST. CROIX DESIGN;

Wrought bronze; flush button; size of plate 4 x 1 3/4 inches.

No. 31235—Polished bronze finish. Each \$2.00

One in a box with screws.



RANDOLPH DESIGN;

Wrought bronze; flush button; size of plate 3 1/2 x 1 5/8 inches.

No. 0735—Polished bronze finish. Each \$2.40  
No. 00735—Polished brass finish. Each \$2.40



## Wrought Steel Butts



No. 800—Narrow; Bright Steel; Fast Joint.

Size, inches	1	1 1/4	1 1/2	1 3/4	2	2 1/2	3	3 1/2	4
Size of screws	5	6	7	8	8	9	9	9	9
No. of screw holes	4	4	4	4	4	6	6	6	8
Weight per dozen pairs, lbs.	3 1/2	4	4 1/2	5 1/2	6	7 1/2	8	9 1/2	10 1/2

Mfrs. List per dozen pairs \$0.32 0.37 0.48 0.59 0.67 0.81 1.07 1.49 2.12

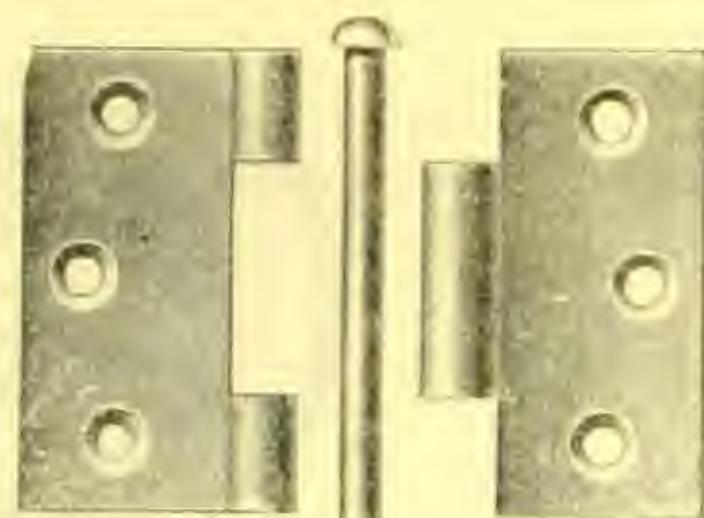
Dozen pairs in box.

No. 838—Narrow; Bright Steel; Fast Joint; Light Pattern.

Size, inches	1	1 1/4	1 1/2	1 3/4	2	2 1/2	3
Size of screws	3	4	5	5	6	6	7
No. of screw holes	4	4	4	4	4	6	6
Weight per dozen pairs, lbs.	2 1/2	3 1/2	4	4 1/2	5 1/2	6 1/2	7 1/2

Mfrs. List per dozen pairs \$0.32 0.37 0.48 0.59 0.67 0.76 0.81 1.07

Dozen pairs in box.

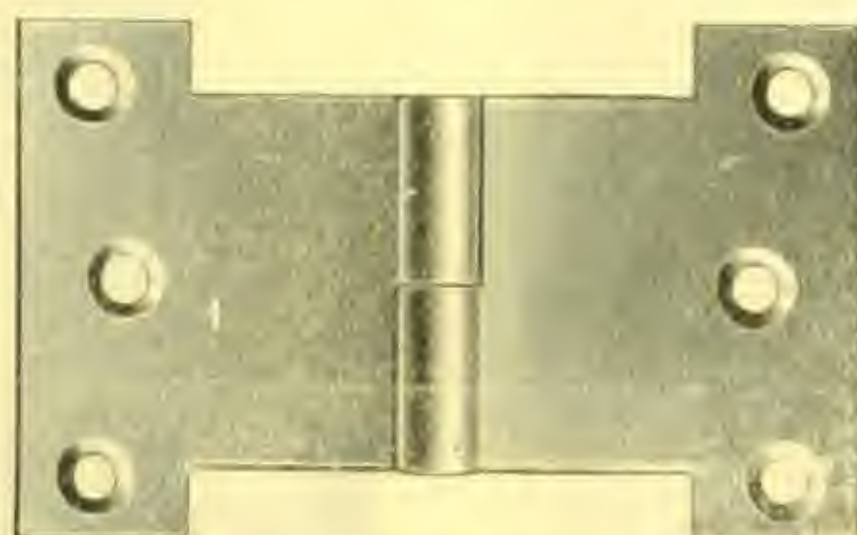


No. 804—Heavy; Bright Steel; Loose Pin.

Size, inches	2x2	2 1/2x2 1/2	3x3	3 1/2x3 1/2	3 1/2x3 1/2	4x4	4 1/2x4 1/2	5x5
Size of screws	7	9	10	10	11	11	12	13
No. of screw holes	4	6	6	6	6	8	8	8
Weight per dozen pairs	3 1/2	4	8	10	10	11	20	28

Mfrs. List per dozen pairs \$1.10 1.32 1.86 2.49 2.70 3.30 4.25 5.50

Sizes 2 1/2x2 1/2 inches and 3x3 inch packed one dozen pairs in box without screws.  
The remaining sizes packed half dozen pairs in box.



No. 830—Parliament Butt; Bright Steel; Loose Joint; Fast Pin; Right or left hand.

Size, inches	4	4 1/2	5
Width, open, inches	1	1 1/2	1 3/4
Length of joint, inches	1 1/2	1 3/4	1 3/4
Between flanges, inches	2 1/2	2 3/4	3 1/4
Size of screws	9	9	9
No. of screws	6	6	6
Weight per dozen pairs, lbs.	6	7 1/2	10 1/2

Mfrs. List per dozen pairs \$2.50 3.10 3.40

Dozen pairs in box.

No. 833—Parliament Butt; Bright Steel; Loose Pin; Reversible.

Size, inches	2 1/2	3	4
Width, open, inches	1 1/2	1 3/4	1 3/4
Length of joint, inches	1 1/2	1 3/4	1 3/4
Between flanges, inches	2 1/2	2 3/4	3 1/4
Size of screws	8	8	8
No. of screw holes	6	6	6
Weight per dozen pairs, lbs.	6	7 1/2	10 1/2

Mfrs. List per dozen pairs \$3.00

Dozen pairs in box.



No. 840—Light; Bright Steel; Loose pin.

Size, inches	1 1/2	2	2 1/2	2 3/4	3
Size of screws	5	6	6	6	7
No. of screw holes	4	4	6	6	6
Weight per dozen pairs, lbs.	1	2	2 1/2	2 3/4	4

Mfrs. List per dozen pairs \$0.67 0.81 0.92 1.07 1.30

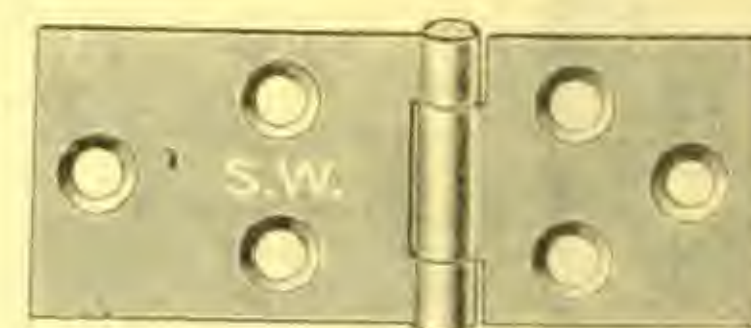
Dozen pairs in box.

No. 286—Light; Plated Steel; Loose Pin; Old Copper or Dull Brass Finish.

Size, inches	1 1/2	2	2 1/2	2 3/4	3
Size of screws	5	6	6	6	7
No. of screw holes	4	4	6	6	6
Weight per dozen pairs, lbs.	1	2	2 1/2	2 3/4	4

Mfrs. List per dozen pairs \$1.37 1.62 1.75 1.90 2.40

Dozen pairs in box.



No. 810—Table Hinge; Bright Steel; Fast Joint.

Size, inches	1	1 1/4	1 1/2	1 3/4	2
Width, open, inches	2 1/2	2 3/4	3 1/4	3 1/4	3 3/4
Size of screws	6	7	8	9	9
No. of screw holes	6	6	6	6	6
Weight per dozen pairs	1 1/2	2 1/4	3	3 1/2	5 1/2

Mfrs. List per dozen pairs \$0.45 0.55 0.65 0.75 0.85

Dozen pairs in box.

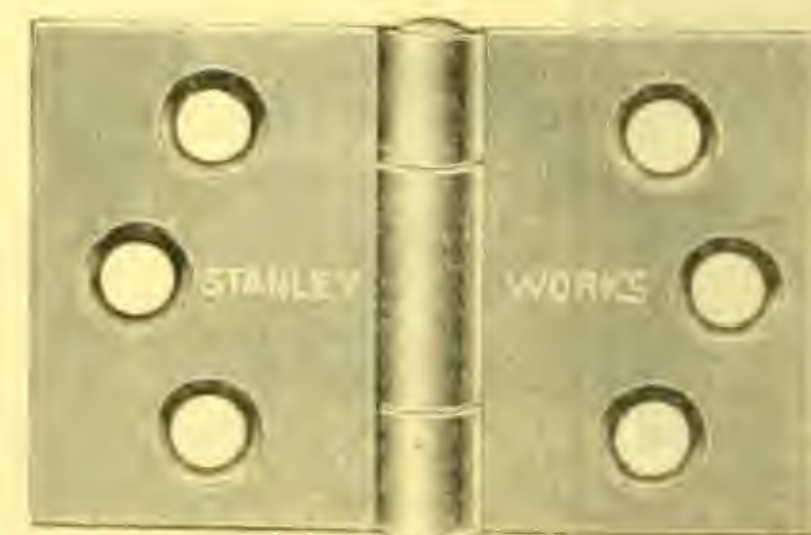


No. 814—Black Flaps; Bright Steel; Fast Joint.

Size, inches	1	1 1/4	1 1/2	1 3/4	2
Width, open, inches	2 1/2	2 3/4	3 1/4	3 1/4	3 3/4
Size of screws	6	7	8	8	8
No. of screw holes	6	6	6	6	6
Weight per dozen pairs, lbs.	1 1/2	2 1/4	3	3 1/2	5 1/2

Mfrs. List per dozen pairs \$0.50 0.60 0.70 0.80 0.90

Dozen pairs in box.



No. 844—Blind Hinge; Bright Steel; Fast Joint.

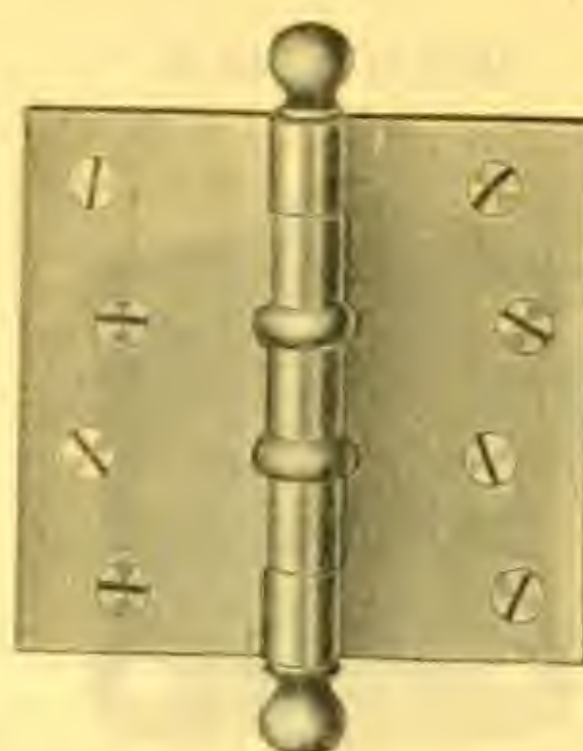
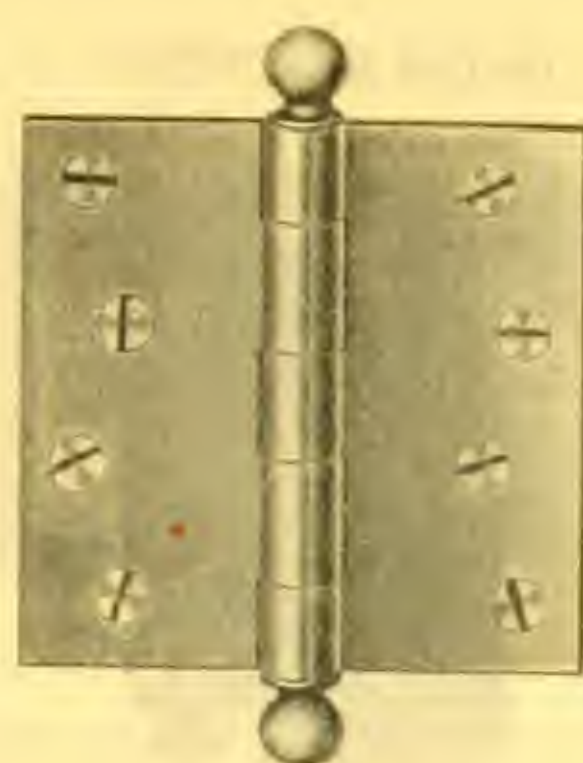
Size, inches	1 1/2	1 3/4	1 3/4
Width, open, inches	1 3/4	1 3/4	2 1/4
Size of screws	4	5	5
No. of screw holes	6	6	6
Weight per dozen pairs, lbs.	2 1/2	3 1/2	4 1/2

Mfrs. List per dozen pairs \$0.70 0.75 0.85

Dozen pairs in box.



# Ball Tip Butts

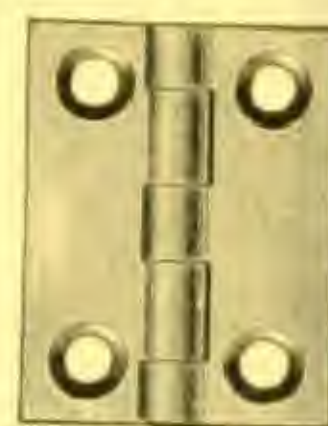
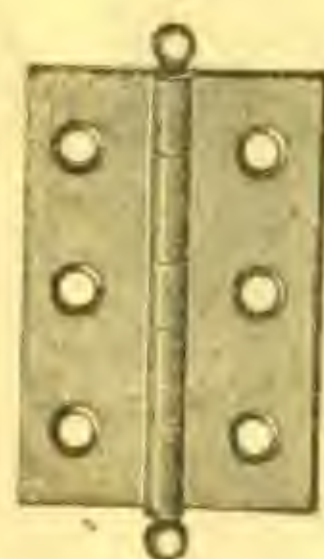


Wrought Steel, plated; loose pin; ball tips.  
Size inches  $2\frac{1}{2} \times 2\frac{1}{2}$   $3 \times 3$   $3\frac{1}{2} \times 3\frac{1}{2}$   $4 \times 4$   $4\frac{1}{2} \times 4\frac{1}{2}$   $5 \times 5$   
Weight per pr. lbs.  $\frac{3}{4}$  1  $1\frac{1}{4}$  2  $2\frac{1}{2}$   $3\frac{1}{4}$   
Per pair (any finish) \$0.65 0.67 0.70 0.98 1.46 2.54  
No. 241A—Bronze Plated  
No. 241D2—Antique Copper Finish  
No. 241F—Dull Brass Finish  
One pair in box with screws.

Ball Bearing, plated; wrought steel; loose pin; ball tips.  
Size, inches  $4 \times 4$   $4\frac{1}{2} \times 4\frac{1}{2}$   $5 \times 5$   
Weight per pair, lbs.  $1\frac{1}{4}$   $2\frac{1}{4}$  3  
Per pair (any finish) \$2.00 2.50 3.50  
No. BB241A—Bronze Plated  
No. BB241D2—Antique Copper Finish  
No. BB241F—Dull Brass Finish  
One pair in box with screws.

Narrow Wrought Steel, plated; loose pin; ball tips.  
Size, inches  $1\frac{1}{2}$  2  $2\frac{1}{2}$  3  
Width, open, inches  $1\frac{1}{8}$   $1\frac{3}{8}$   $1\frac{5}{8}$  2  
Weight per dozen pairs, lbs.  $1\frac{1}{4}$  2 3  $4\frac{1}{2}$   
Per dozen pairs (any finish) \$5.00 5.30 5.80 7.30  
No. 295A—Bronze Plated  
No. 295D2—Antique Copper Finish  
No. 295F—Dull Brass Finish  
Half dozen pairs in box with screws.

## WROUGHT BRASS BUTTS



No. 53—Polished Brass; loose pin; ball tips; size  $1\frac{1}{2} \times 1\frac{1}{2}$  inches; weight per dozen pairs 1 lb. packed with  $\frac{3}{4} \times 4$  screws.  
Per dozen pairs \$6.50  
No. 57—Polished Brass; loose pin; ball tips; size  $2 \times 1\frac{3}{4}$  inches; weight per dozen pairs  $1\frac{1}{2}$  lbs. packed with  $\frac{3}{4} \times 5$  screws.  
Per dozen \$8.00  
Dozen pairs in box.

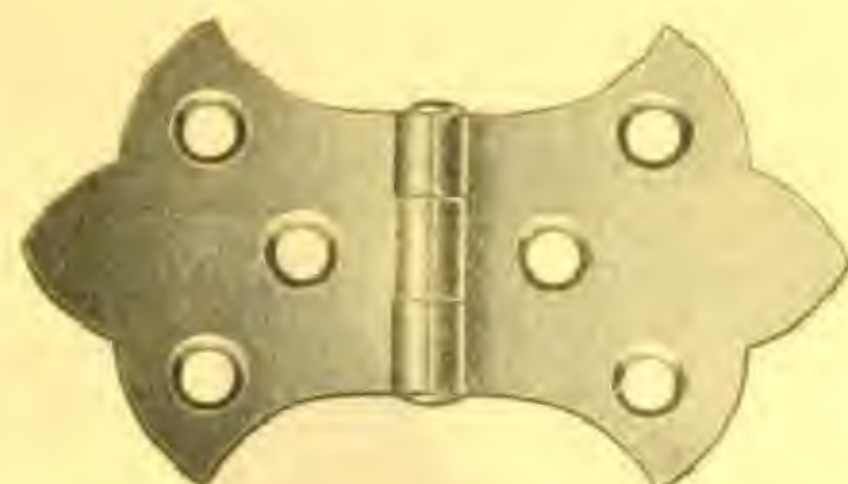
NARROW										
Size, ins.	$\frac{3}{4}$	$1\frac{1}{4}$	1	$1\frac{1}{2}$	$1\frac{3}{4}$	$2\frac{1}{4}$	2	$2\frac{1}{2}$	$2\frac{3}{4}$	3
Width, open ins.	$\frac{3}{8}$	$\frac{5}{8}$	$\frac{7}{8}$	$\frac{1}{2}$	$\frac{3}{4}$	$1\frac{1}{8}$	$1\frac{1}{4}$	$1\frac{3}{8}$	$1\frac{5}{8}$	$1\frac{3}{4}$
Weight per dozen pairs, lbs.	$\frac{3}{8}$	$\frac{5}{8}$	$\frac{7}{8}$	$\frac{1}{2}$	$\frac{3}{4}$	$1\frac{1}{8}$	$1\frac{1}{4}$	$1\frac{3}{8}$	$1\frac{5}{8}$	$1\frac{3}{4}$
Per dozen pairs	\$0.66	.72	.76	1.10	1.24	1.64	1.92	2.64	3.36	6.00

MIDDLE										
Size, inches	$\frac{3}{4}$	$1\frac{1}{4}$	1	$1\frac{1}{2}$	$1\frac{3}{4}$	2	$2\frac{1}{4}$	$2\frac{1}{2}$	$2\frac{3}{4}$	3
Width open, ins.	$\frac{3}{4}$	$\frac{5}{8}$	$\frac{7}{8}$	$\frac{1}{2}$	$\frac{3}{4}$	$1\frac{1}{8}$	$1\frac{1}{4}$	$1\frac{3}{8}$	$1\frac{5}{8}$	$1\frac{3}{4}$
Weight per dozen pairs, lbs.	$\frac{3}{4}$	$\frac{5}{8}$	$\frac{7}{8}$	$\frac{1}{2}$	$\frac{3}{4}$	$1\frac{1}{8}$	$1\frac{1}{4}$	$1\frac{3}{8}$	$1\frac{5}{8}$	$1\frac{3}{4}$
Per dozen pairs	\$0.72	.82	.92	1.16	1.44	1.80	2.20	3.10	4.10	7.20

Dozen pairs in box without screws.

## SURFACE HINGES



Wrought Steel;  $2\frac{3}{4}$  inches long. Weight per dozen pairs  $1\frac{1}{4}$  lbs.  
No. 1490C—Bright Brass Plated Per doz. pairs \$3.30  
No. 1490D2—Antique Copper Finish " " \$3.30  
No. 1490F—Dull Brass Finish " " \$3.30  
Dozen pairs in box with screws.

Butterfly Pattern; wrought steel;  $2\frac{3}{4}$  inches long;  $2\frac{3}{4}$  inches wide; for  $\frac{3}{4} \times 5$  screws. Weight per dozen pairs  $1\frac{1}{4}$  lbs.  
No. 1431C—Bright Brass Plated Per doz. pairs \$3.70  
No. 1431D2—Antique Copper Finish " " \$3.70  
No. 1431F—Dull Brass Finish " " \$3.70  
Dozen pairs in box with screws.

Wrought Steel; plated; length open  $2\frac{3}{4}$  inches; width  $1\frac{1}{4}$  inches; weight per dozen pairs  $1\frac{1}{4}$  lbs.  
No. 1052D2—Antique Copper Finish per doz. pairs \$3.30  
No. 1052F—Dull Brass Finish " " \$3.30  
Three dozen pairs in a box with screws.



No. 102—Size  $\frac{1}{2} \times 2\frac{3}{4}$  inches; polished brass; weight per gross pairs 7 lbs.  
Per dozen pairs \$4.50  
Three dozen pairs in box.

No. 07—Size  $\frac{1}{2} \times 2\frac{3}{4}$  inches; steel brass plated; weight per gross pairs 3 lbs.  
Per dozen pairs \$1.20  
Three dozen pairs in box.

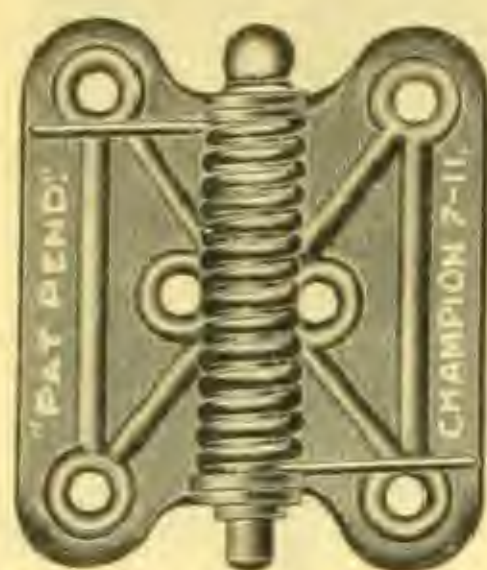
No. 15—Size  $\frac{1}{2} \times 2\frac{3}{4}$  inches; polished brass; weight per gross pairs 9 ounces.  
Per dozen pairs \$0.90  
Three dozen pairs in box.

No. 6—Size  $\frac{1}{2} \times 1\frac{3}{4}$  inches; polished brass; weight per gross pairs  $1\frac{1}{2}$  lbs.  
Per dozen pairs \$1.00  
Three dozen pairs in box.



## Screen Door Hinges

LOOSE PIN



Wrought Steel; size 3 x 2 1/4 inches; loose pin which allows door to be removed without taking off hinge. Weight per dozen pairs, 7 lbs.

No. 7-II—Japanned, per dozen pairs.....\$4.40

Dozen pairs in box.

HOLD BLACK



Cast Iron; width 3 inches when open. Weight per dozen pairs 14 lbs.

No. 20—Japanned, per dozen pairs.....\$3.00

Dozen pairs in box.

DOUBLE ACTING



Swing Both Ways; cast iron; size 3 inches. Weight per dozen pairs 24 lbs.

No. 50—Japanned, per dozen pairs.....\$10.70

SCREEN DOOR SETS



Cast Iron; No. 20 Hinge; complete with door pull and hook and eye for fastening door. Weight per dozen sets 16 lbs.

No. 2255—Japanned, per dozen sets.....\$6.50

Dozen sets in box.

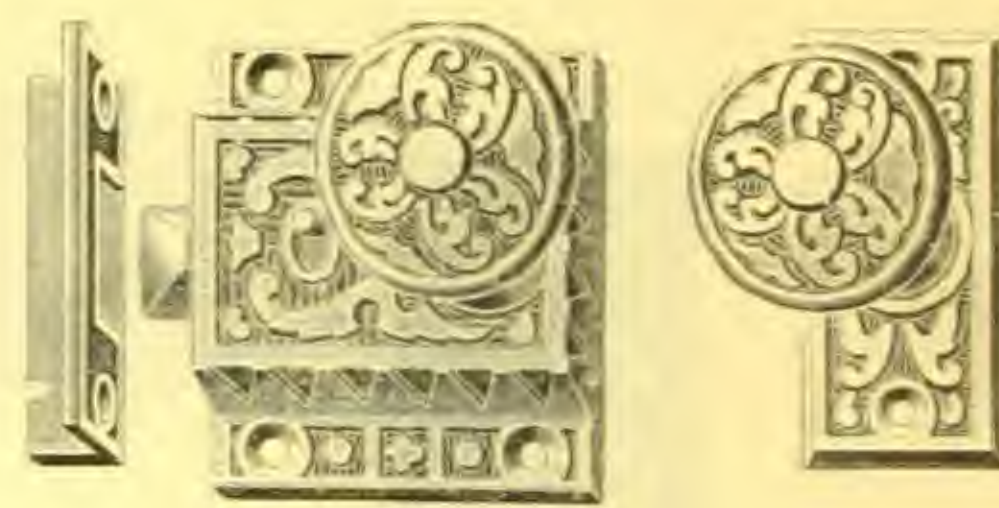
SCREEN DOOR CATCHES



No. 210—Superior; made of japanned wrought steel; equipped with three rubber rollers; operates in same manner as Mallory screen door catch but arm struck by door carries rubber rollers, thus protecting door; each catch packed in a bag complete with screws and full directions. Weight per dozen 3 lbs.

Per dozen.....\$3.60

Dozen in box with screws.



No. T6440A—Ornamental Iron; for door 1/4 to 1 1/2 ins. thick; size 2 1/4 x 2 inches; triangular bolt; reverse bevel; complete with bent strike and knobs; in Berlin bronze finish. Weight per dozen 10 lbs.

Per dozen.....\$10.00

One set in box with screws.

## Door Springs



Perfect; made from light steel piano wire; 16 inches long. Weight per dozen 2 to 5 lbs.

No.	Diameter	Length	Per dozen
No. 2	3/16 inch	16 inches	\$1.00
No. 3	1/8 inch	16 inches	1.10
No. 4	5/16 inch	16 inches	1.20
No. 5	3/8 inch	16 inches	1.30
No. 6	7/16 inch	16 inches	1.40
No. 7	1/2 inch	16 inches	2.00

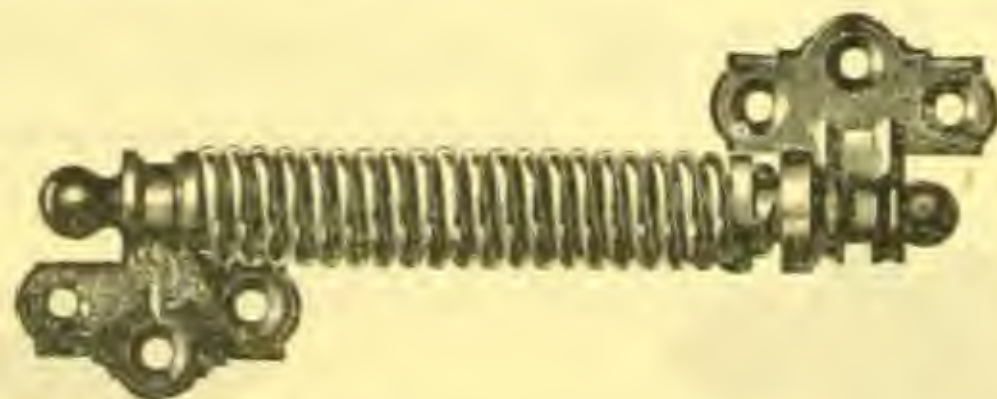
One dozen in a box.



Victor; for heavy screen doors and light wood doors; japanned finish.

No.	Size	Per dozen
No. 160	Size 3/4 x 9 inches	\$4.00
No. 161	Size 3/4 x 10 inches	4.80
No. 162	Size 7/8 x 11 inches	5.80
No. 163	Size 1 x 12 inches	7.50

One dozen in a box.



Reliance; malleable iron brackets; spring steel coil; ratchet tension adjustments; japanned finish.

No.	Size	Per dozen
No. 270L	Size 1/4 x 6 inches	\$4.50
No. 270M	Size 1 x 7 inches	\$6.20
No. 270H	Size 1 1/4 x 9 1/2 inches	\$9.20

One dozen in a box.



No. 158

No. 158—Tail Door Spring; cast iron case; enclosed coil steel spring; solid steel roller; japanned finish.

	4	5	6
Length of arm, inches	5 1/4	7	8
Length of frame, inches	12	17	20
Weight per dozen lbs.	30.00	42.00	52.00
Per dozen			

Quarter dozen in a package



## Floor Hinges



APPLIED VIEW



TOP PIVOT



Double acting; Ball Bearing; adjustable shoe fitting doors of any thickness; adjustable spring tension; ball bearings are well protected from water or dirt. The top pivot supplied is similar to the one illustrated.

Number	304	306	601	606
Finish	Antique	Copper	Dull	Brass
Thickness of door, inches	1 1/2 to 2	2 to 2 1/2	1 1/2 to 2	2 to 2 1/2
Weight per set	9 1/4	11	9 1/4	11
Per set	\$12.00	17.50	12.00	17.50

One set in a box with screws.

Double acting; ball bearing; all working parts are above the floor; cutting of the flooring is therefore not necessary in applying this hinge; adjustable tension; hold back at 90 degrees; door can be set at an angle if desired or it can be set plumb in an opening that is not true; side plates are plated steel; for doors from 1 1/2 to 1 3/4 inches thick; weight per set 3 1/2 lbs.

No. 20AC—Antique Copper Finish, per set \$3.50

No. 20DB—Dull Brass Finish, per set \$3.50

One set in a box with screws.

## Door Checks



CHECK



COIL

YALE; combined check and spring; a powerful coil spring supplies the power to close the door and the non-freezing liquid contained in the cylinder furnishes the controlling power; the speed of action can be controlled as desired, by the regulating valve; reversible for either right or left hand doors; all working parts are carefully fitted and tested and are interchangeable; fully guaranteed; gold bronze finish; each check is packed with screws and full directions in a strong wood box.

No. 72—For light inside doors not exceeding 7 x 2 1/2 feet. Weight each 8 lbs. Each \$16.00

No. 73—For medium inside doors not exceeding 7 x 3 feet. Weight each 10 lbs. Each \$19.00

No. 74—For heavy inside, or ordinary outside doors not exceeding 7 1/2 x 3 feet. Weight each 12 lbs. Each \$22.80

No. 75—For heavy outside doors. Weight each 15 lbs. Each \$30.90

### EXTRA COILS

Number	72	73	74	75
Weight each, lbs.	8	10	12	15
Each	\$2.50	2.80	3.70	5.80

One in a box.

## Spring Hinges



Borrower; double action; three leaf type; ball tip; adjustable tension; wrought steel; plated finish.

### JAPANESE FINISH

Number	29	30	33	36
Length of flange, inches	3	4	5	6
Thickness of doors, inches	3/4 to 1 1/4	7/8 to 1 1/4	1 1/4 to 1 1/2	1 1/4 to 1 3/4
Weight per pair, lbs.	1 1/2	2	2 1/2	4
Per pair	\$5.00	6.00	7.00	8.50

### ANTIQUE COPPER FINISH

Number	329	330	333	336
Length of flange, inches	3	4	5	6
Thickness of doors, inches	3/4 to 1	7/8 to 1 1/4	1 1/4 to 1 1/2	1 1/4 to 1 3/4
Weight per pair, lbs.	1 1/2	2	2 1/2	4
Per pair	\$7.00	8.00	9.50	12.00

### DULL BRASS FINISH

Number	629	630	633	636
Length of flange, inches	3	4	5	6
Thickness of doors, inches	3/4 to 1	7/8 to 1 1/4	1 1/4 to 1 1/2	1 1/4 to 1 3/4
Weight per pair, lbs.	1 1/2	2	2 1/2	4
Per pair	\$7.00	8.00	9.50	12.00

One pair in a box with screws.

## SCREW HOOK AND STRAP HINGES



Length, inches	6	8	10	12	15	18	21	24	27	30	36
Diameter hook	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8
Weight per dozen, lbs.	24	42	48	55	69	95	102	148	157	163	173
Price per dozen pairs	\$6.00	6.70	9.00	9.80	10.50	15.40	17.40	22.40	24.10	25.90	31.30

Open Stock

## DOOR HOLDERS



No. 1774 J.—Garage Door Holder; wrought steel; japanned finish; reversible; for right or left hand doors; suitable for all exterior swinging doors. Weight per pair 8 1/2 lbs.

Per pair \$6.00

One pair in a box with screws.



## Hinges

## WROUGHT STEEL STRAP HINGES



Light Strap Hinges; made from light sheet steel.

Length, inches	3	4	5	6	8	10
Size of screws	6	7	8	9	10	10
No. of screw holes	6	6	8	8	8	8
Weight per dozen pairs, lbs.	3	4	6½	9	11	14

Per dozen pairs \$1.80 2.20 2.50 3.05 4.50 6.30

Quarter dozen pairs in bundle.



Heavy Strap Hinges; made from heavy sheet steel.

Length, inches	4	5	6	8	10	12
Size of screws	9	9	11	12	13	14
No. of screw holes	6	8	8	8	8	10
Weight per dozen pairs, lbs.	6½	10	19	34	52	82

Per dozen pairs \$3.30 4.00 4.40 5.90 10.40 12.80

Quarter dozen pairs in bundle.

## WROUGHT STEEL "T" HINGES

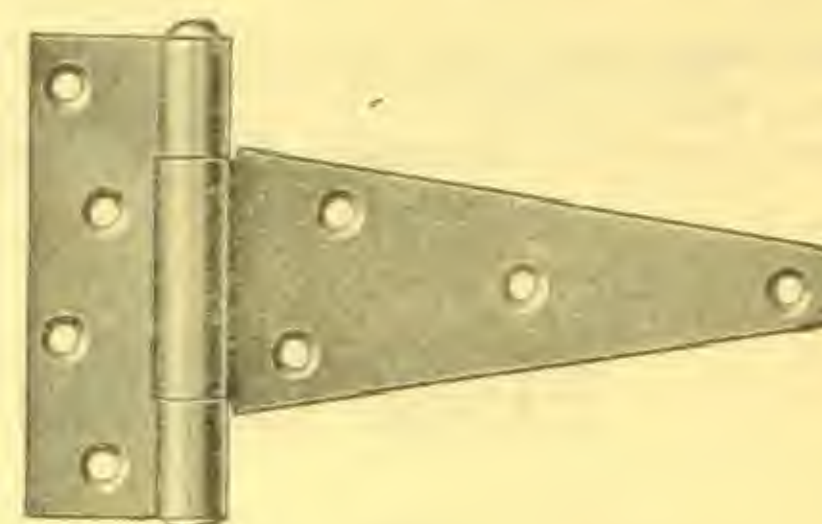


Light T Hinges; made from light sheet steel.

Length, inches	3	4	5	6	8	10
Size of screws	6	7	8	8	8	10
No. of screw holes	6	6	7	7	8	8
Weight per dozen pairs, lbs.	2½	3½	5	6½	9	13

Per dozen pairs \$1.80 2.00 2.25 2.70 3.25 4.30

Quarter dozen pairs in bundle.



Heavy T Hinges; made from heavy sheet steel.

Length, inches	4	5	6	8	10	12
Size of screws	10	11	12	13	16	17
No. of screw holes	6	8	8	8	9	10
Weight per dozen pairs, lbs.	7½	14	21	35	55	78

Per dozen pairs \$2.80 3.40 3.90 4.30 7.20 11.70

Quarter dozen pairs in bundle.

## CORRUGATED WROUGHT STEEL HINGES



Corrugated Strap Hinges; made from heavy sheet steel.

Length, inches	4	5	6	8	10	12
Size of screws	9	9	11	12	13	14
No. of screw holes	6	8	8	8	8	10
Weight per dozen pairs, lbs.	5	8	14	24	37	59

Per dozen pairs \$2.70 3.80 5.10 7.80 12.20 18.00

Quarter dozen pairs in a bundle.

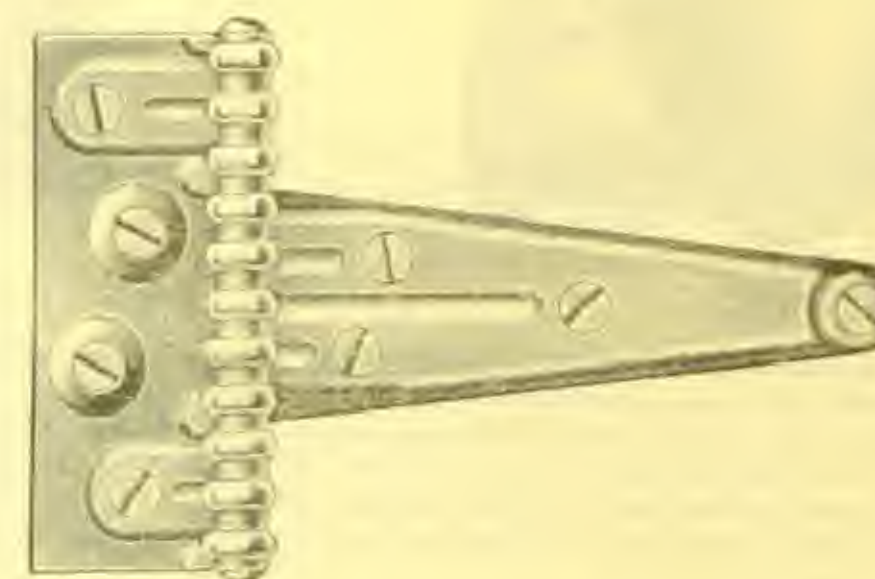
## CORRUGATED HINGES IN CARTONS



Corrugated Steel Hinges; strap and Tee, in individual cartons with screws.

Length, inches	4	5	6	8	10
Size of screws	9	9	11	12	13
Weight per pair	1½	2¼	1¾	2¼	3¼
Strap, per pair	\$0.38	0.50	0.70	0.85	1.35
Tee, per pair	\$0.48	0.60	0.70	1.16	1.70

One pair in a box with screws



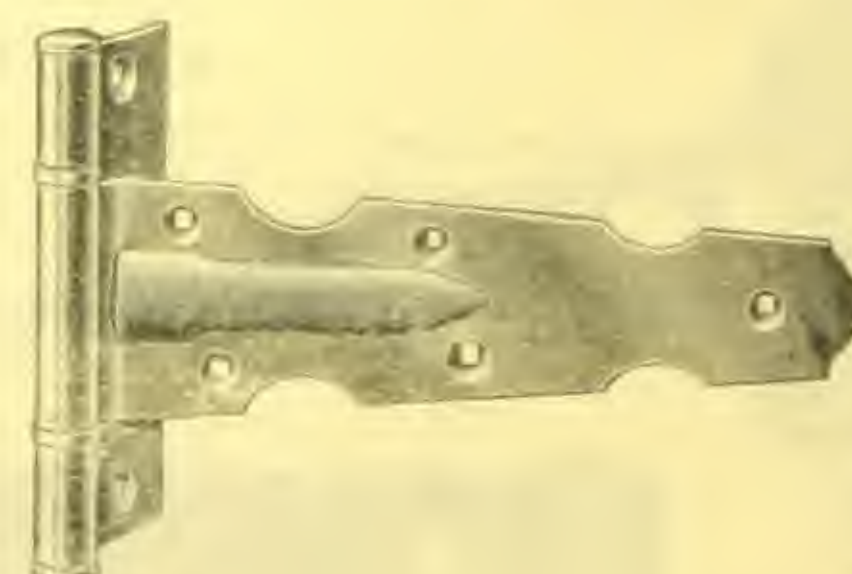
Corrugated T Hinges; made from heavy sheet steel.

Length, inches	4	5	6	8	10	12
Size of screws	9	10	11	13	14	16
No. of screw holes	6	8	8	9	10	10
Weight per dozen pairs, lbs.	6	10	16	26	42	50

Per dozen pairs \$3.30 4.00 4.40 5.90 10.40 12.80

Quarter dozen pairs in bundle.

## GARAGE HINGES



No. 1458J—Japanned wrought Steel; ball bearing; the tee leaf is fastened on the inside of the casing and the strap leaf to the surface of the door.

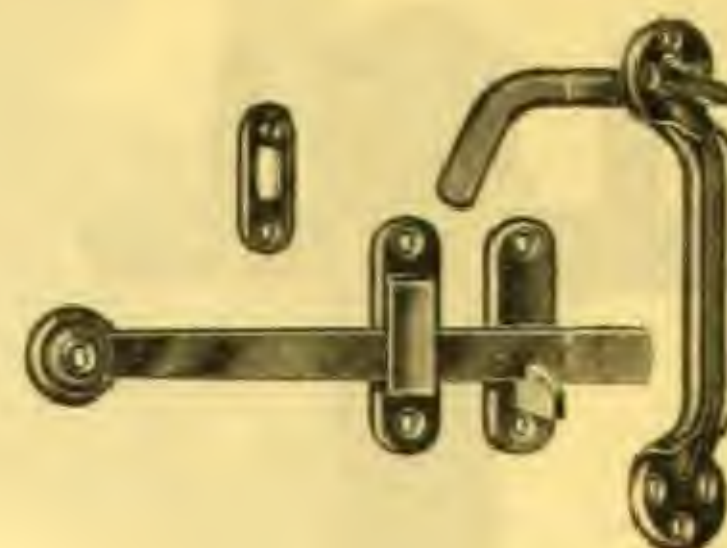
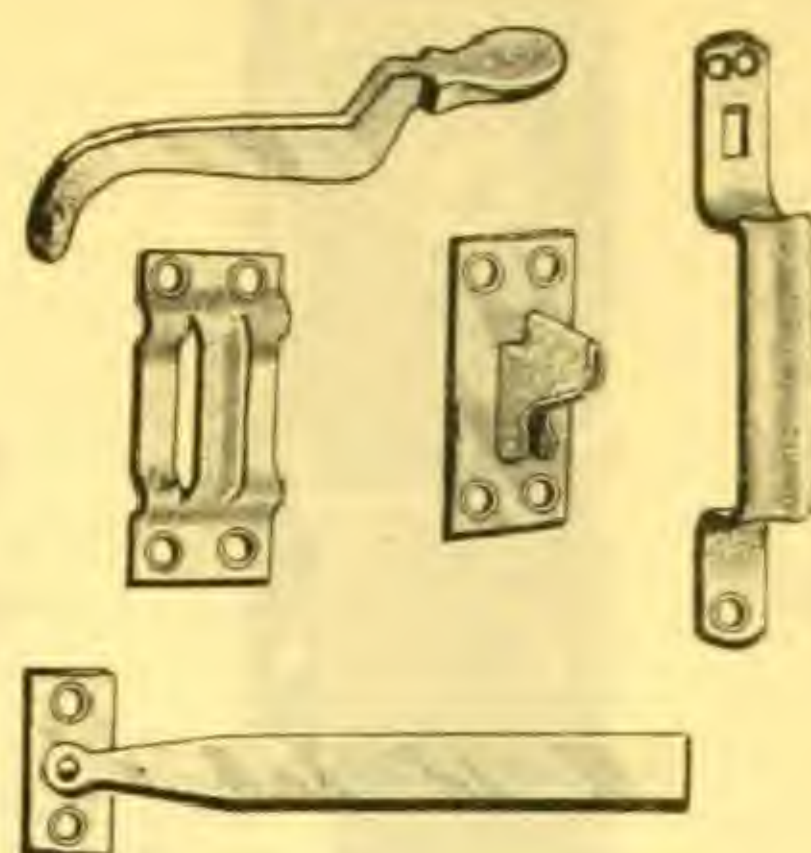
Length, inches	18
Size of screws	20
No. of screw holes	20
Weight per pair, lbs.	7

Per pair \$8.50

One pair in a box with screws



# Latches



Wrought steel; japanned finish.

Numbers	2S	3S	4S
Length of handle, inches	6 3/4	7 1/2	9
Weight per dozen, lbs.	6	9	15
Per dozen	\$4.30	5.40	8.00

One in a carton with screws.

Wrought steel; finish as below:

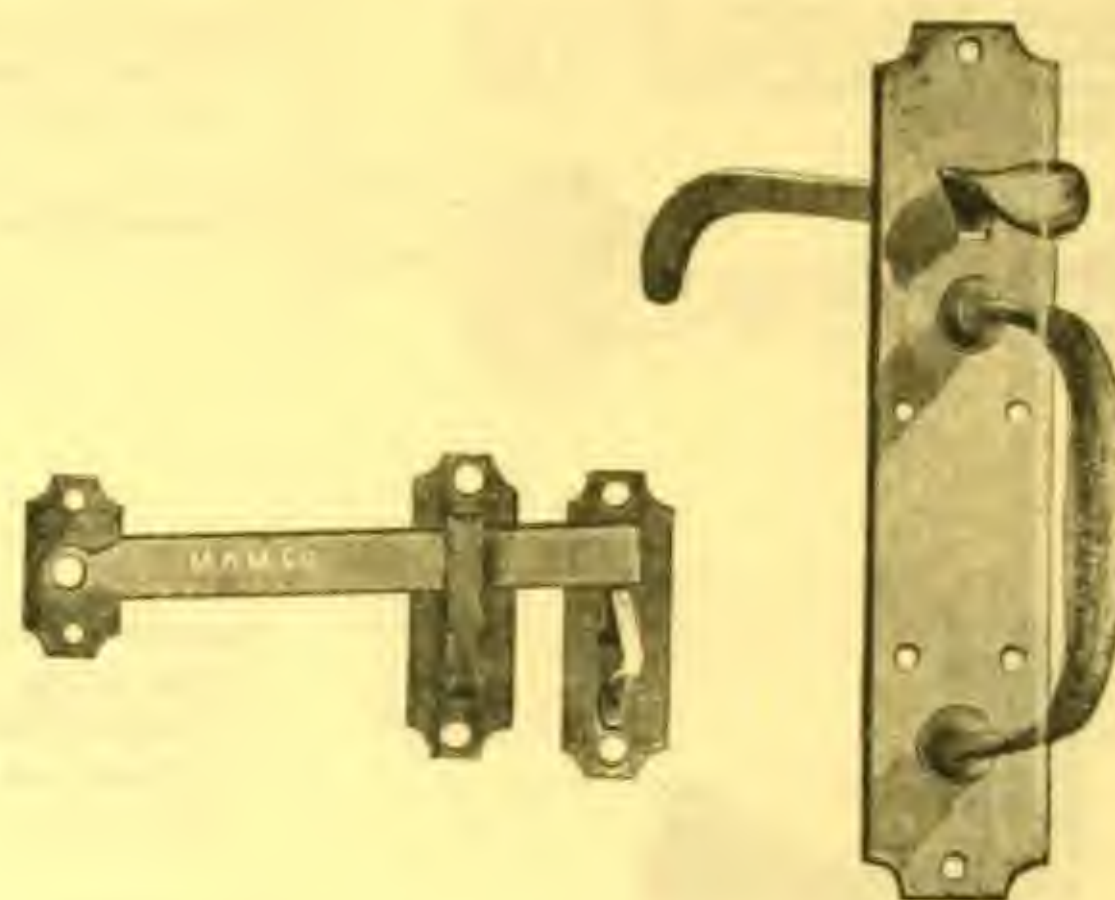
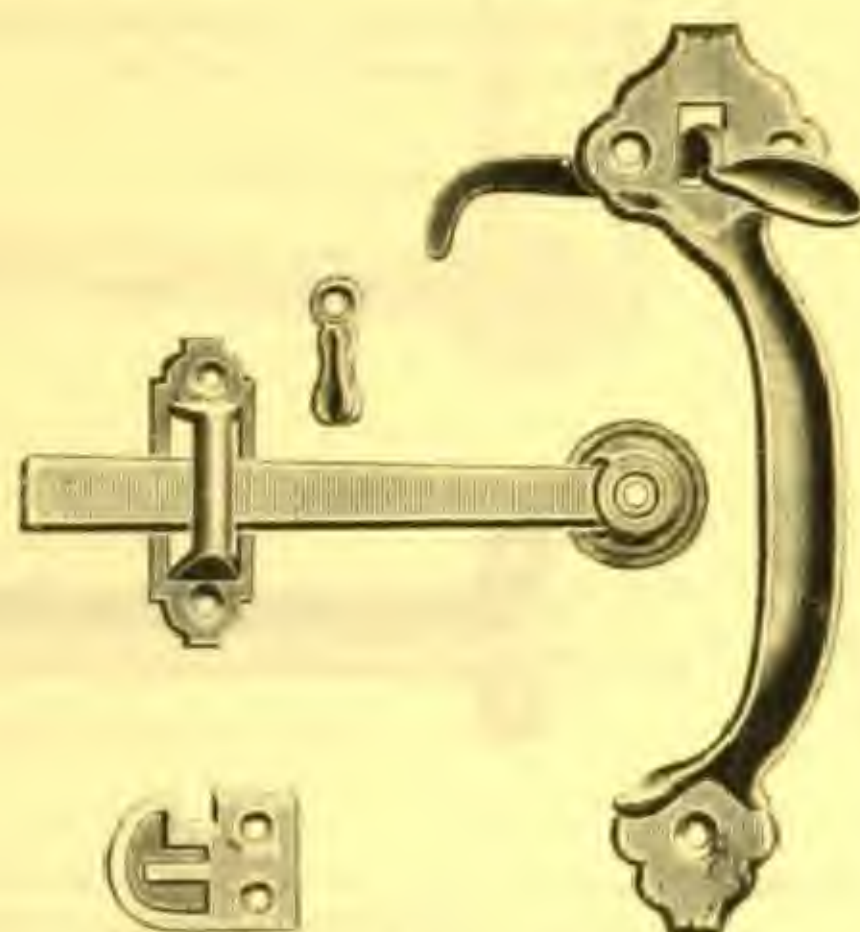
Numbers	29	Challenge
Finish	Bright	Japanned
Length of handle, inches	7 1/2	9
Weight per dozen, lbs.	11	15
Per dozen	\$5.50	10.50

One dozen in a box.

No. 1252—Wrought steel; roller edges; length of latch 12 inches; length of handle over all 10 1/2 inches; japanned finish; weight per dozen 36 lbs.

Per dozen \$20.00

One in a carton with screws.



Cast Iron; japanned finish.

Numbers	1	2	3	4	Barn door	5
Length of handle, inches	6	6 1/2	7	7 1/2	9 1/2	20
Weight per dozen, lbs.	6	6 1/2	7	8 1/2	20	20
Per dozen	\$2.30	2.60	2.70	3.10	7.00	

One dozen in a box without screws.

Wrought Iron; unpolished finish; light pattern;

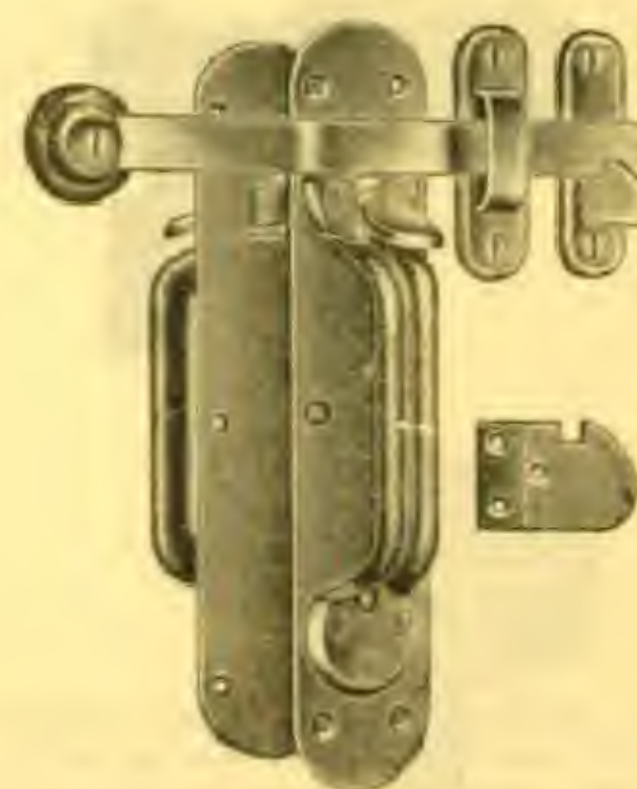
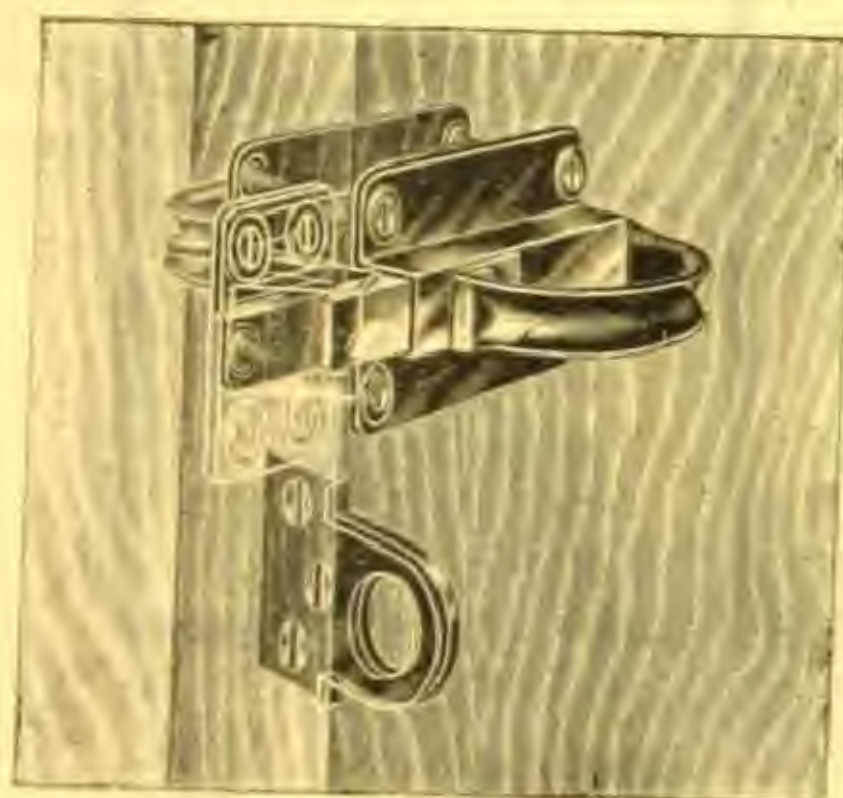
Numbers	1	2	3	4	4BH
Length of plate, inches	7 3/4	8	9	9 1/2	9 3/4
Style of handle	Straight	Straight	Straight	Straight	Bend
Weight per dozen, lbs.	16	17	20	26	36
Per dozen	\$5.10	6.20	7.00	9.40	11.30

One dozen in a box.

## BARN DOOR LATCH

## BARN DOOR CATCH

## GARAGE DOOR LATCH



No. 1240—Wrought steel; japanned finish; tin-plated bolt; sheardized spring; padlock eyes included; weight per dozen 20 lbs.

Per dozen \$12.00

Quarter dozen in a box.

No. 38—Cast iron; japanned finish; suitable for all swinging doors; weight per dozen 7 lbs.

Per dozen \$3.80

One dozen in a box.

No. 1264—Wrought steel; japanned finish; size of plates 14 1/2 x 2 3/4 inches; length of handle 10 1/2 inches; length of drop bar 12 inches; for garage mill, or warehouse doors 1 3/4 to 3 inches thick. Weight per set 4 1/2 lbs.

Per set \$3.50

One set in a box.



## Barn Door Hangers and Track

KING



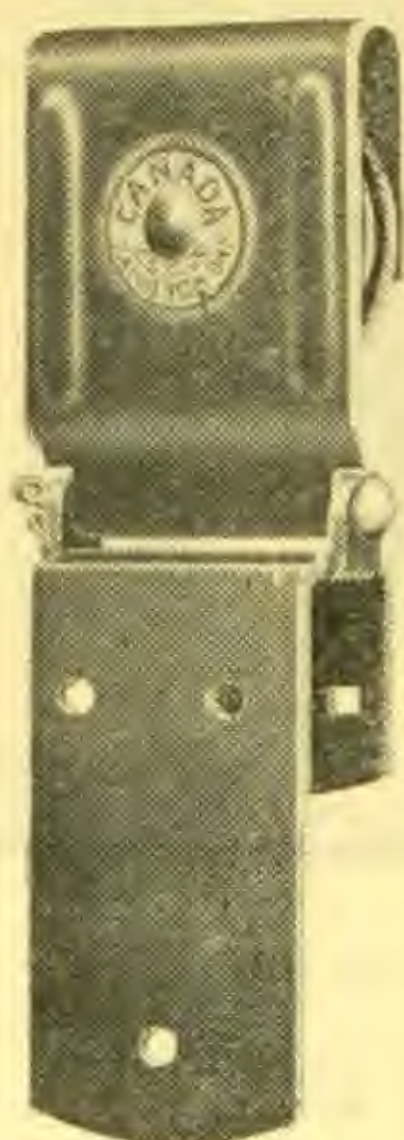
**King; Steel Roller Bearing; Flexible;** for flat track,  $1\frac{1}{2} \times \frac{3}{8}$  inches; diameter of wheel, 3 inches; hood of malleable iron; protects wheel from weather; japanned finish; flexible joint; apron hinged, 5 inches long;  $2\frac{1}{4}$  inches wide,  $\frac{1}{8}$  inch thick, for doors  $1\frac{1}{2}$  to 2 inches thick. Weight per dozen pairs, 85 lbs.

King Hangers, per pair ..... \$2.15

New Milo Hangers, per pair ..... \$2.15

One pair in a box with bolts.

CANADA



**Canada; Steel Roller Bearing;** flexible frame; all steel; japanned finish; runs on  $1\frac{1}{2} \times \frac{3}{8}$  flat track; weight per dozen pairs 75 lbs.

Canada Hangers, per pair ..... \$2.15

One pair in a box with bolts.

CROWN



**Crown; Roller Bearing;** one piece malleable frame and guide;  $2\frac{1}{2}$  inch wheel; allows door to swing out 4 to 5 feet at the bottom; easy running; aluminum finish; end bracket, tubular splice and bolts are packed in each box.

Crown Hangers, per pair ..... \$3.10

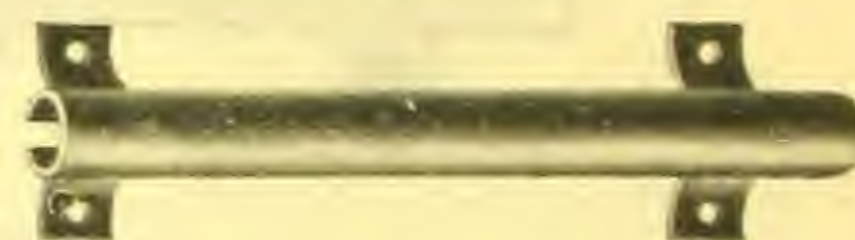
One pair in a box.



**Canada Track;** size  $1\frac{1}{2} \times \frac{3}{8}$  inch; steel bracket; close fitting, non sag joint; used for the following hangers King; New Milo and Canada; furnished in lengths of 4, 6, 8 and 10 feet. Weight per 100 feet, 110 lbs.

Canada Track, per 100 feet ..... \$20.00

One hundred feet in a bundle.



**Crown Track;** size  $1\frac{1}{2}$  inch; furnished in lengths of 4, 6, 8 and 10 feet; supports are 20 inches apart; suitable for Crown Hangers. Weight per 100 feet 120 lbs.

Per 100 feet ..... \$32.00

One hundred feet in a bundle.

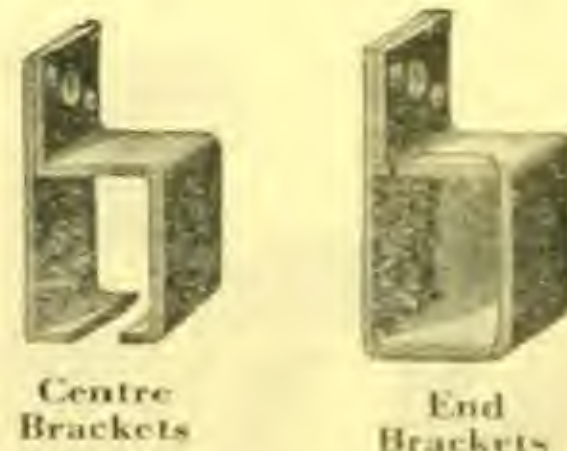
## Champion



**Champion; Trolley; Steel Roller Bearing;** Flexible; distance from top of door to bottom of track, 2 inches; bottom of track to center of hole in bracket  $3\frac{1}{4}$  inches; wheels, grey iron, lathe turned,  $2\frac{1}{4}$  inches in diameter; black enamel finish; adjustment, lateral only; flexible joint; apron, 6 inches long;  $3\frac{1}{2}$  inches wide,  $\frac{1}{8}$  inch thick; for doors  $1\frac{1}{2}$  to  $2\frac{1}{2}$  inches thick. Weight per pair 10 lbs.

Champion Hanger, per pair ..... \$3.20

One pair with bolts and blind brackets in box.



Centre Brackets

End Brackets

**Champion Brackets;** with lag screws, per dozen ..... \$3.60

**Note.**—Use a bracket at each end and each joint and on—

6 ft. length, 1 bracket between joints;  
8 ft. length, 2 brackets between joints;  
10 ft. length, 3 brackets between joints

Open stock.



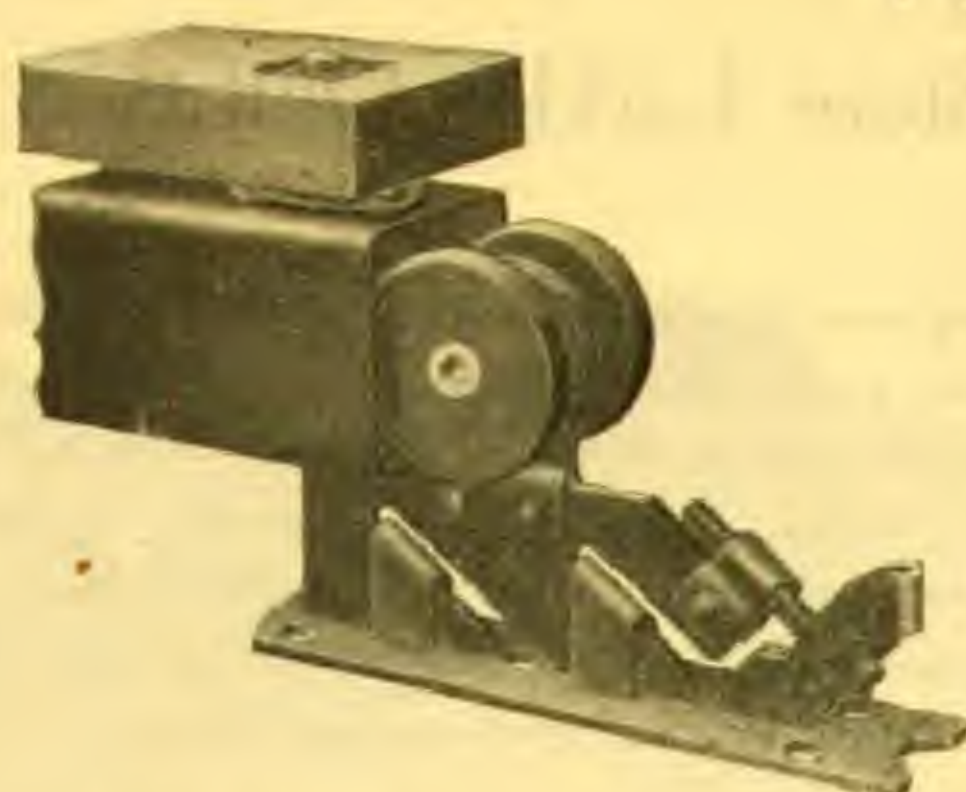
**Champion Trolley Track;** made of 16 gauge steel furnished in lengths of 4, 6, 8 and 10 feet, weight per hundred feet, 175 lbs.

Per 100 feet (not including brackets) ..... \$35.00

One hundred feet in a bundle.



## Parlor Door Hangers

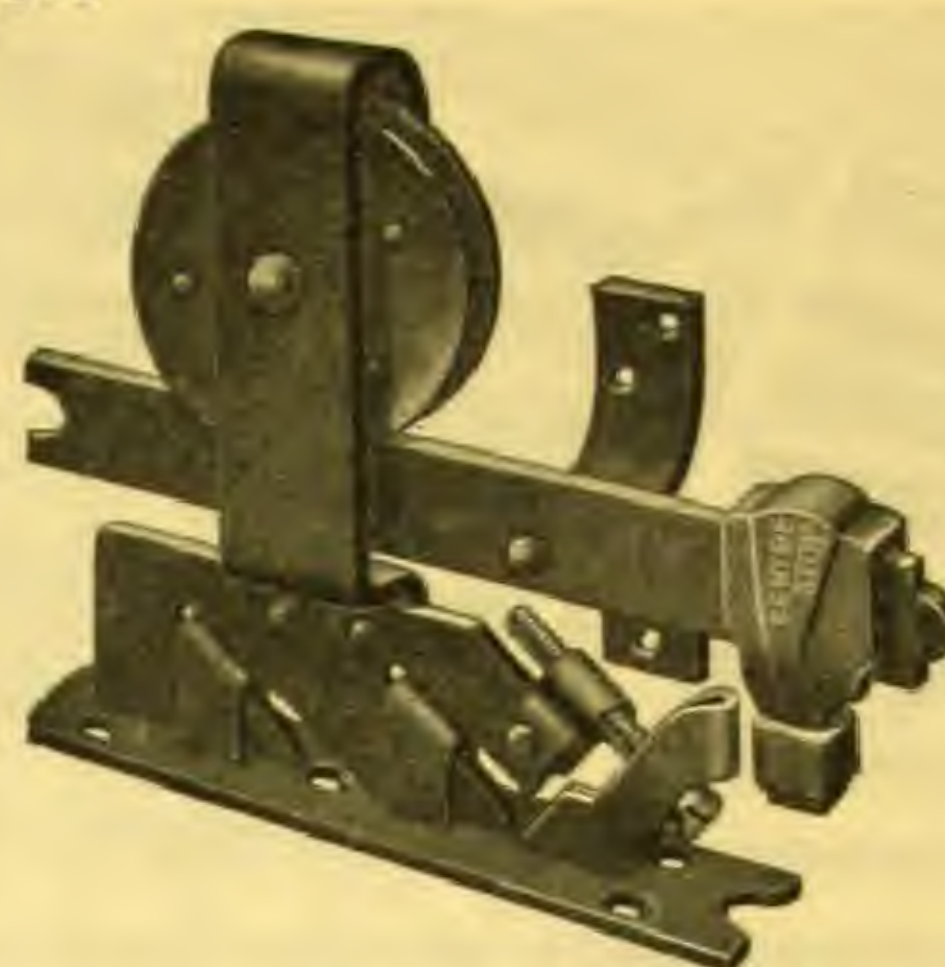


**HERO Ball Bearing Trolley:** distance from top of door to bottom heading timber, 6 1/4 inches; minimum width of wall pocket, 2 1/4 inches; track, No. 16 gauge steel, furnished with adjustable wood header as illustrated; can be easily removed without injury to plastered walls; wheels 2 1/2 inches in diameter, vulcanized fibre bearings, steel balls; finish, blue lacquer; packed complete with screws, overhead center stop and floor guides. Weight per full set, 36 lbs.

No. 19D—For double doors; 14 feet of track. Per set \$16.00

No. 19S—For single doors; 8 feet of track. Per set \$8.70

One set in a box.



**Model steel roller bearing:** steel wheels with fibre tread; for 1 1/4 x 3/16 inch flat track; easily adjusted to height from the end of door after the job has been finished; packed complete with screws, centre stop and floor guides; weight per full set 24 lbs.

No. 12D—For double doors; 14 feet of track. Per set \$9.80

No. 12S—For single doors; 8 feet of track. Per set 5.00

One set in box.

### HOOKS AND STAPLES



No. 50—Round steel; polished.

Size, inches	1 1/4 x 4	3/8 x 5
Weight per gross, lbs.	24	35
Per gross	\$9.00	\$14.00

Three dozen in a box.

### WROUGHT STAPLES



**Machine Made Wrought Steel Wire,** with square sharp points.

Size, ins.	1 1/4	1 1/2	2	2 1/2	3	3 1/2	4	4 1/2	5
Wght. per gross, lbs.	1	2	3	5	6	9	11	14	15
Per gross	\$ .95	1.00	1.40	1.90	2.60	3.00	4.20	5.20	6.40

One gross in box.

### CABIN HOOKS

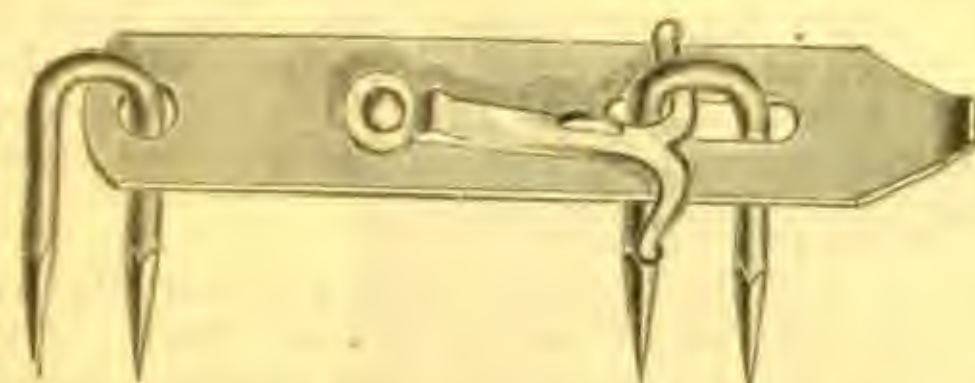


No. 632—Cast Brass; size of plates 1 1/4 x 1/2 inches; two screw holes in each plate; polished finish.

Length of hook, inches	3	4	5
Weight per dozen	1 1/4	1 1/2	2
Per dozen	\$5.00	6.40	8.00

One dozen in a box.

### HASPS AND STAPLES



No. 30—Wrought Iron; with wrought iron double hook.

Size, inches	6	7	8
Weight per dozen, lbs.	2 1/2	3 1/2	4 1/2
Per dozen	\$1.20	1.40	1.60

Dozen in box.

### HINGED HASPS



No. 912—Bright Wrought Steel Hinged Hasp:

Size, inches	3	4 1/2	6	8
Weight per dozen, lbs.	2	3	5	8
Per dozen	\$1.50	1.60	2.20	3.20

Dozen in box.

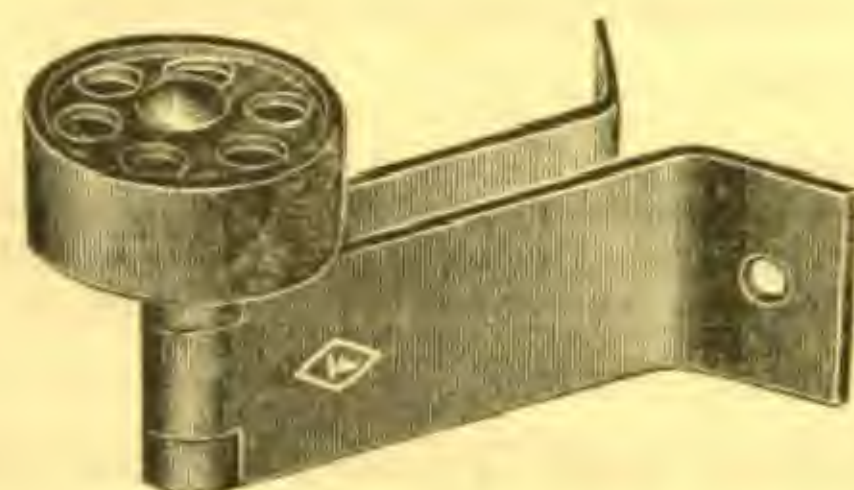


No. 815—Bright Wrought Steel Safety Hasp.

Size, inches	3	4 1/2	6
Weight per dozen, lbs.	3 1/2	5	9
Per dozen	\$2.20	2.70	4.00

Dozen in box.

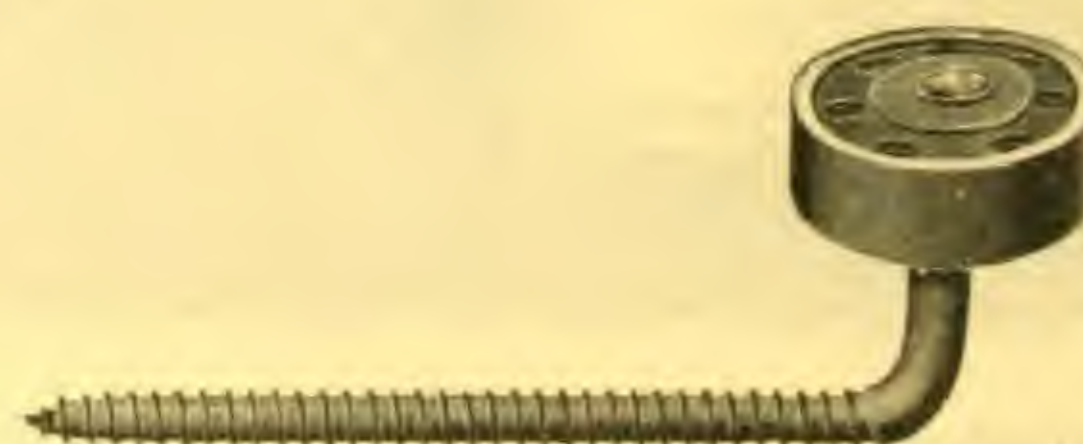
## Stay Rollers



No. 89—Wrought Steel; hinged pattern; diameter of wheel 2 inches; for doors from 1 1/2 to 2 1/2 inches thick; japanned finish; weight per dozen 10 lbs.

Per dozen \$4.50

Open stock.

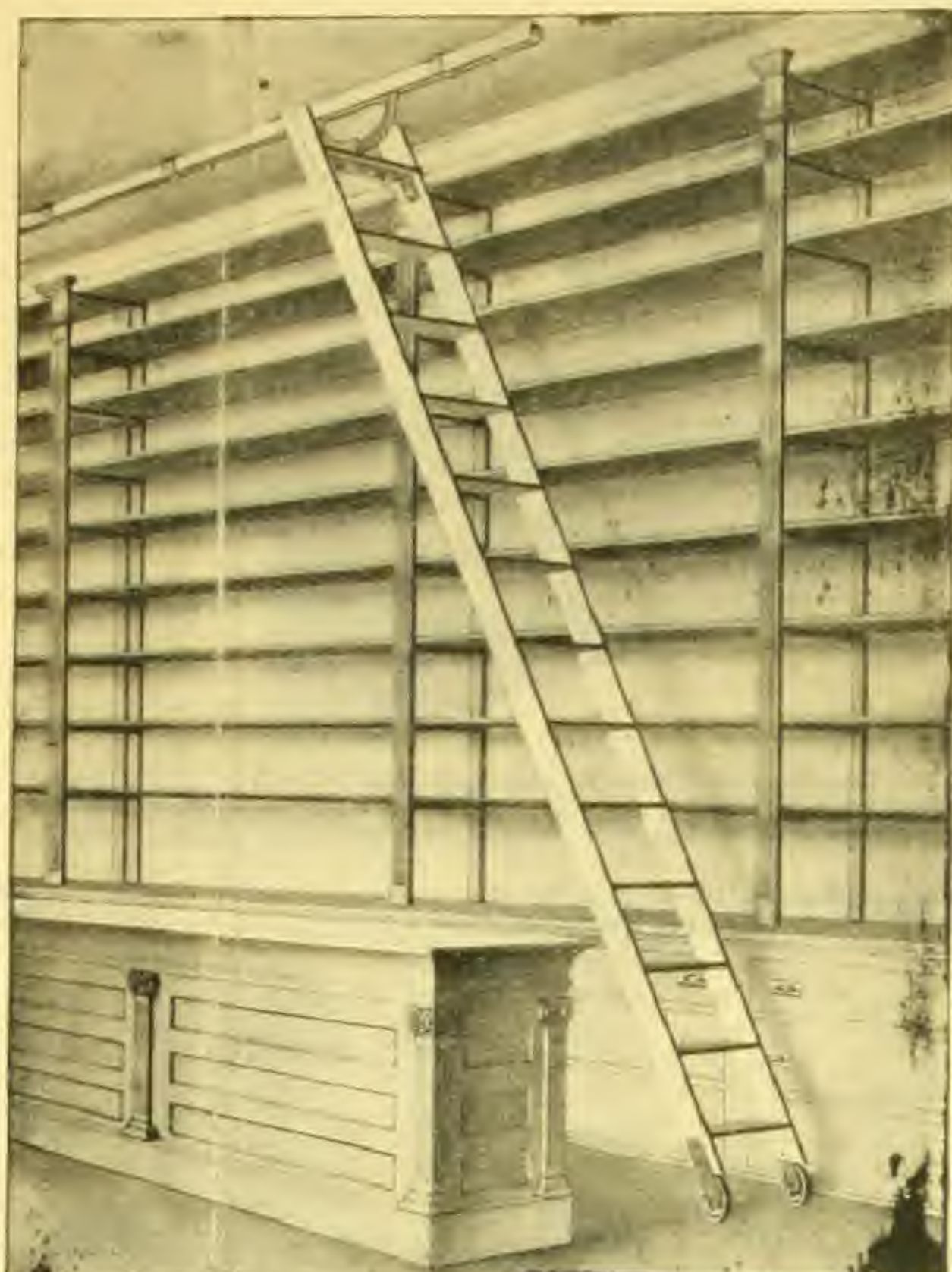


No. 86—Wrought Iron; screw pattern; diameter of wheel 2 inches; length of screw 8 inches; diameter of screw 3/8; japanned finish; weight per dozen 10 lbs.

Per dozen \$5.50

Open stock.





No. 209

## Store Ladder Outfits

Perfection ceiling store ladder fixtures are well built and smooth running; wood lined track; four wheel carriage securely bolted to top step of ladder; roller bearing bottom rollers; ladder sides are  $3\frac{1}{2}$  inches wide and steps 4 inches wide on lengths up to 14 feet, over 14 feet the sides are 4 inches wide and the steps 5 inches wide; steps are let into the sides and held by screw nails; spacing of steps 12 inches; ladders are furnished in oak or hard pine filled and varnished; ceiling brackets are supplied with the track and should be spaced not to exceed 36 inches;

**Directions for ordering:** state whether oak or pine ladder and rubber or fibre tires are required; give height from floor to ceiling or beam where track will be supported actual vertical measurement; the factory will allow for slant of ladder.

No. 209—Oak ladder, rubber tired.	Per set	\$19.50
No. 209—Oak ladder, fibre tired.	Per set	52.50
No. 209—Pine ladder, rubber tired.	Per set	45.00
No. 209—Pine ladder, fibre tired.	Per set	48.00

**NOTE.**—Shipments of store ladder outfits will be made direct from the factory and will require about ten days to deliver.

## Fire Door Fixtures



No. 201—Fixture only; weight per set 50 lbs.	Per set	\$32.00
No. 102—Hanger only; weight per pair 30 lbs.	Per pair	12.00
No. 201S—Set complete Hangers, Fixtures, Track, Brackets, and Strips, for 5 foot opening.	Per set	44.00

Fire Door Fixture is approved and labeled by the Canadian Board of Fire Underwriters. This fixture has one fusible link. The track is  $3\frac{1}{2} \times 3\frac{3}{8}$  inches, weight  $4\frac{1}{2}$  lbs per foot. Malleable wheels with roller bearings. Fixture packed complete with bolts and screws for attaching parts to the door. Furnished with cast washers for wall bolts and counter balance weights.

The specifications take  $3\frac{1}{2} \times 3\frac{3}{8}$  inch steel, weight per foot  $4\frac{1}{2}$  lbs. Hanger, steel pendant, malleable wheel with machine tread, roller bearings, stops are made of  $3\frac{1}{2} \times 3\frac{3}{8}$  inch steel, also binders. Guide roller frame made of  $2\frac{1}{2} \times \frac{1}{2}$  inch steel with wall angle. It is the guide roller that binds the door tight to the wall, this item is therefore of the utmost importance.

**Strips:** Two chafing strips for back of door corresponds to front strips, guide roller strip with weight at the end and bumper shoes to protect door where it strikes the steel, a strong link bracket holds fusible link in correct position in corner of the opening.

**Direction for ordering Sliding Door Fixtures:**

In ordering state:

First—Number of openings and number of doors; whether doors are on one side or both sides of wall. If latter, mention if fixtures can be bolted together and state thickness of wall. Do not say doors when you mean openings, as doors must lap four inches on each side and at top.

Second—Width and height of opening (mention width first).

Third—Thickness of doors, if two-ply ( $1\frac{3}{4}$  inches, or three-ply ( $2\frac{5}{8}$  inches).

Fourth—Thickness of wall for wall bolts.

Fifth—If opening is square or arched top.

HATCH G  
door may be  
lowered carefully

3 only Spec  
22 feet Track  
3 pairs spec  
3 only floor  
2 only gara  
1 only safet  
1 only screw  
Japanned fin  
Per set

Slidetile garage  
door but do not  
single car gara  
10 feet wide, c  
outfits are car

No. 331A—  
ing (knob

No. 332A—



## Garage Door Sets



"UNIVERSAL" SWINGING DOOR SET

**UNIVERSAL** Garage Door Set; for swinging doors; wrought steel; heavy gauge; black enameled; three hinges to each door to prevent the doors from sagging or getting out of alignment.

Set includes the following:

- 3 pairs 8 inch extra heavy tee hinges.
- 1 only No. 1055 x 6 inch steel chain bolt.
- 1 only No. 1056 x 6 inch steel foot bolt.
- 1 only No. 1240 steel door latch set.
- 2 only steel padlock eyes.

The complete set packed in a pasteboard carton with screws. Weight per set 10 lbs.

Per set ..... \$6.00

Six sets in a case.

**HATCH** Garage Door Set; for sliding doors; can be used on doors sliding either right or left, one door may be operated on hinges as a service door as shown in illustration. If the directions are followed carefully an easy operating weather proof job is assured. Set contains the following:

- 3 only Special Swivel Door rollers
- 22 feet Track for same (2 eight foot and one six foot length).
- 3 pairs special garage hinges
- 3 only floor guides
- 2 only garage door handles
- 1 only safety hinged hasp for padlock
- 1 only screw hook and eye
- Japanned finish; screws for applying included, weight per set 45 lbs.

Per set ..... \$13.00

One set in a wooden box.



"HATCH" SLIDING DOOR SET



THREE-DOOR SLIDETITE FIXTURES



FOUR-DOOR SLIDETITE FIXTURES

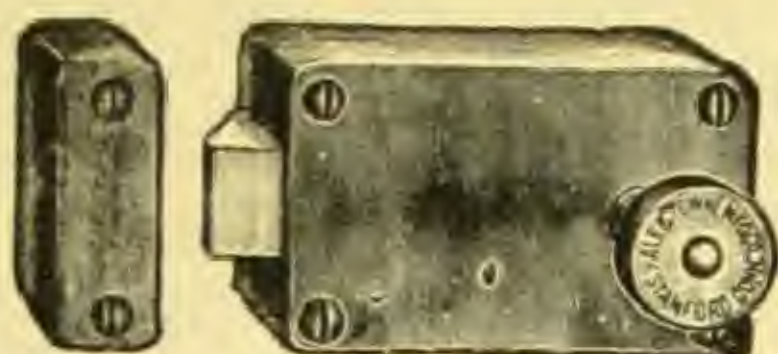
Slidetite garage door fixtures combine the advantages of swing and sliding doors without the disadvantages of either. They fit tight like a swing door but do not bind, or warp, they open in and fold back against the wall out of the way as illustrated above. The three door outfit is ideal for a single car garage and by using a number of these units any sized garage can be equipped. The three door fixture can be used on openings up to 10 feet wide, over that width a combination as shown in the right hand cut will be necessary, limiting each door to 3 feet in width. Three door outfits are carried in stock as below; larger units supplied promptly to order.

No. 331A—For doors 1 1/4 inches thick, contains: track, track brackets, hangers, hinges; chain bolt and foot bolt with all screws for applying (knob lock not included)..... Per set \$22.00

No. 332A—For doors 2 1/2 inches thick contents as above..... Per set \$36.00



## Rim Night Latches and Locks



No. 26—Size 2 x 3 1/4 x 1 1/4 inches; japanned iron case and strike; brass tube; bronze plated iron bolt; nickel plated steel turn-knob and key plate; for doors up to 1 3/4 inches thick; backset 2 1/2 inches; two solid flat steel nickel plated warded keys; 6 key changes. Weight per dozen, 12 lbs.

Per dozen \$13.90

One in box with screws.



No. 34—Size 2 1/4 x 3 1/2 x 7/8 inches; japanned iron case and strike; bronze cylinder turn-knob and stop; bronze plated steel tube and iron bolt; for doors 3/4 to 1 1/2 inches thick; backset 2 1/2 inches; four pin tumblers; 1,500 key changes; three corrugated keys. Weight per dozen, 12 lbs.

Per dozen \$44.60

No. 34X—For doors 1 1/4 to 2 1/4 inches thick; otherwise the same as No. 34. Per dozen \$44.60

One in box with screws.



No. 37—Size 2 x 3 3/8 x 1 inches; japanned iron case and strike; bronze cylinder, bolt, turn-knob and stop; for doors 3/4 to 2 1/2 inches thick; backset 2 3/4 inches; four pin tumblers; 1,500 key changes; three corrugated nickel bronze. No. 16 keys. Weight per dozen, 15 lbs.

Per dozen \$50.60

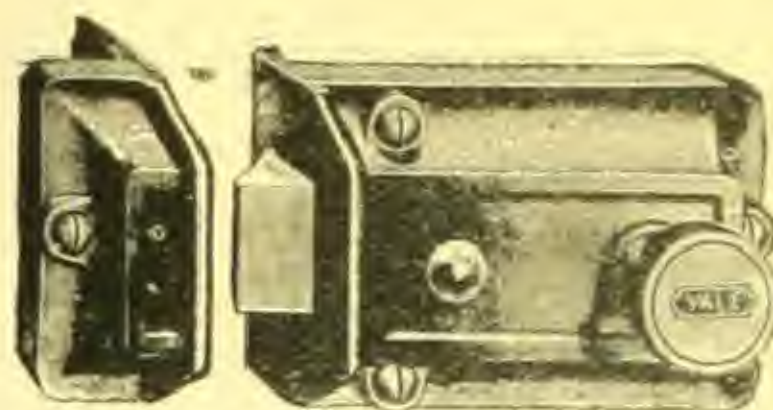
One in box with screws.



No. 42—Size 2 3/4 x 3 1/2 x 1 inches; old copper finish iron case and strike; bronze cylinder, bolt, turn-knob and stop; for doors 3/4 to 2 1/2 inches thick; backset 2 3/4 inches; five pin tumblers; key changes practically unlimited; three paracentric nickel bronze No. 8 coined keys with gold plated bows. Weight per dozen, 19 lbs.

Per dozen \$70.60

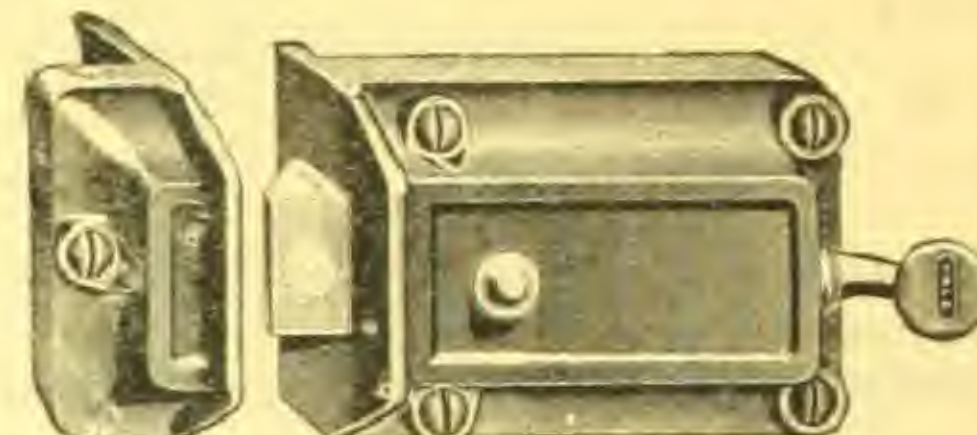
One in box with screws.



No. 042—Size 2 3/4 x 3 5/8 x 1 inches; japanned iron case and strike; bronze cylinder, bolt, turn-knob and stop; for doors 3/4 to 2 1/2 inches thick; backset 2 3/4 inches; five pin tumblers; key changes practically unlimited; three paracentric nickel bronze No. 8 coined keys with gold plated bows. Weight per dozen, 18 lbs.

Per dozen \$66.20

One in box with screws.

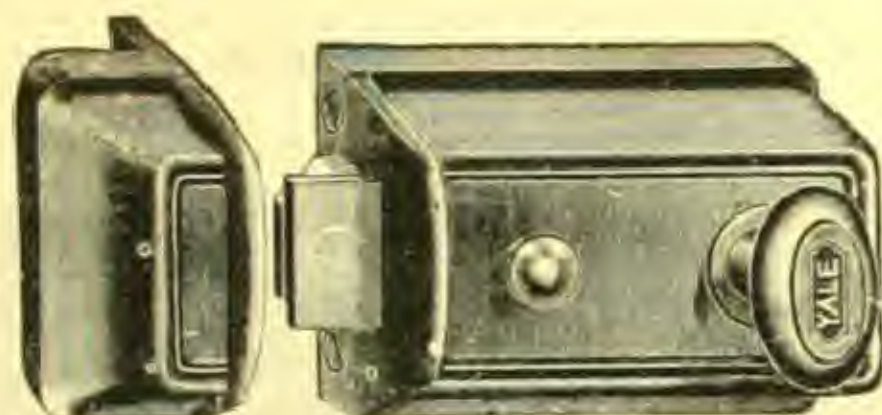


No. 042P—Operated by a draw back knob from the inside. Otherwise the same as No. 042.

Per dozen \$85.50

One in box with screws.

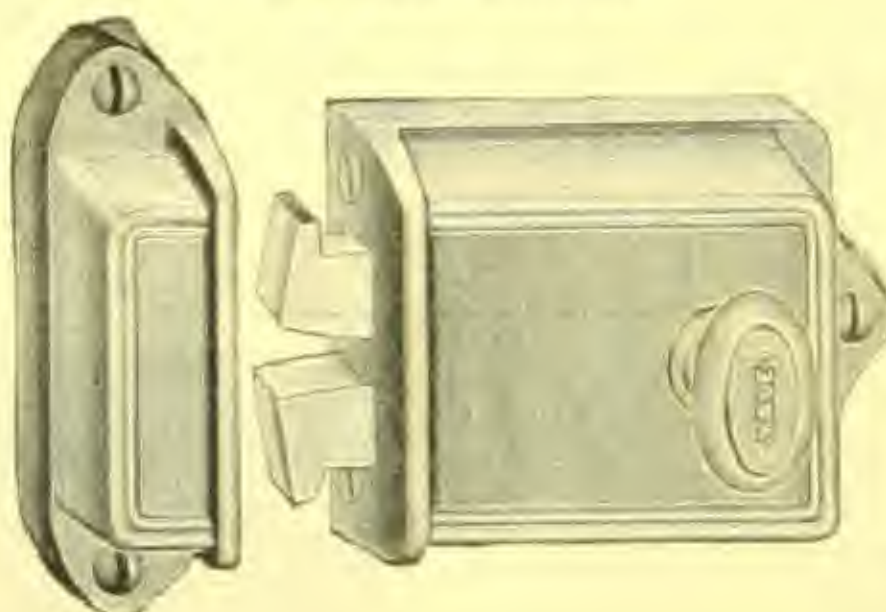
## GUARD LOCK



No. 44—Size 2 1/2 x 3 1/2 x 1 1/4 inches; old copper finished iron case and strike; bronze cylinder, bolt, turn-knob and stop; for doors 3/4 to 2 1/2 inches thick; backset 2 1/2 inches; five pin tumblers; key changes practically unlimited; three paracentric nickel bronze No. 8 coined keys with gold plated bows. Weight per dozen, 2 lbs.

Per dozen \$83.70

One in box with screws.

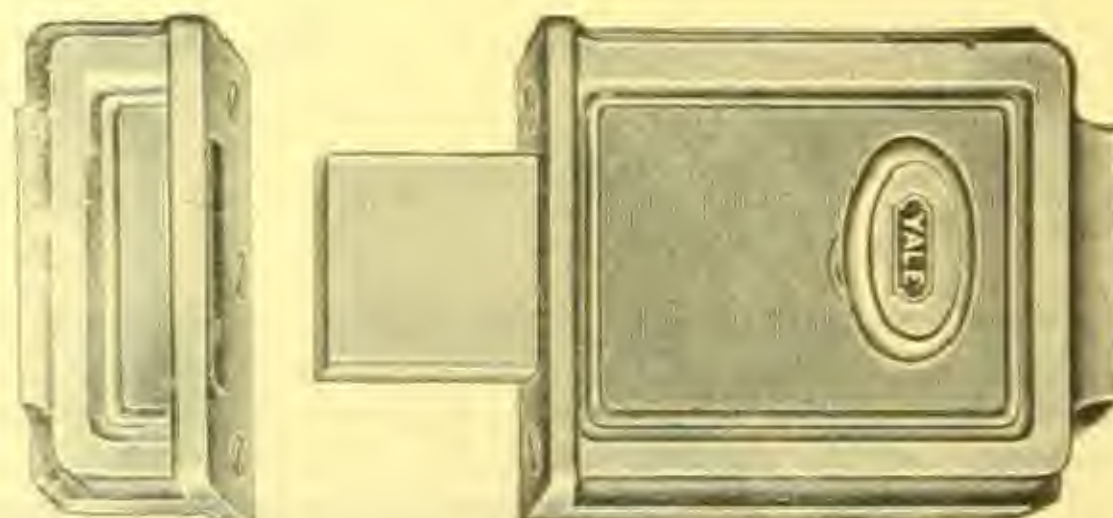


No. 92—Size 3 x 3 1/2 x 1 1/4 inches; old copper finish iron case; bronze cylinder; knob and bolt; two hook bolts of cast bronze when locked in position, cannot be picked or forced; for doors 1 1/4 to 3 inches thick; backset 2 3/4 inches; changes practically unlimited; three paracentric keys with each lock. Weight per dozen, 23 lbs.

Per dozen \$161.20

One in box with screws.

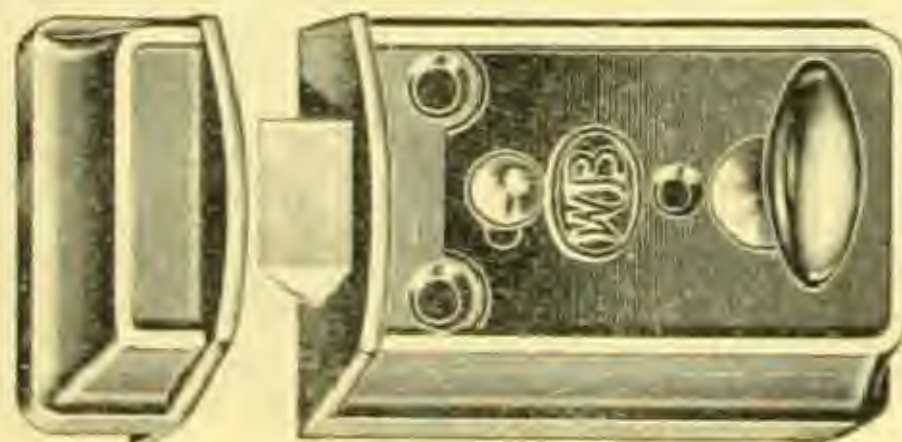
## STEEL BAR LOCK



No. 9—Size 3 1/2 x 3 3/4 x 1 1/4 inches; old copper finish iron case; case hardened steel bolt; bolt has 1 1/2 inch throw and extends through keeper when locked; bronze cylinder and knobs; three paracentric keys; changes unlimited; for doors of either hand, 1 to 3 inches thick; operated from outside by keys and from inside by knobs. Weight per dozen, 27 lbs.

Per dozen \$138.60

One in box with screws.



No. 326—Size 2 3/8 x 3 1/2 inches; iron case; old copper finish; backset 2 3/8 inches; for doors from 7/8 to 2 1/2 inches thick; reversible for right or left hand; bronze knob and bolt; bolt may be set or held inoperative by the slide catch; three paracentric keys with each lock; changes unlimited; weight per dozen 20 lbs.

Per dozen \$63.00

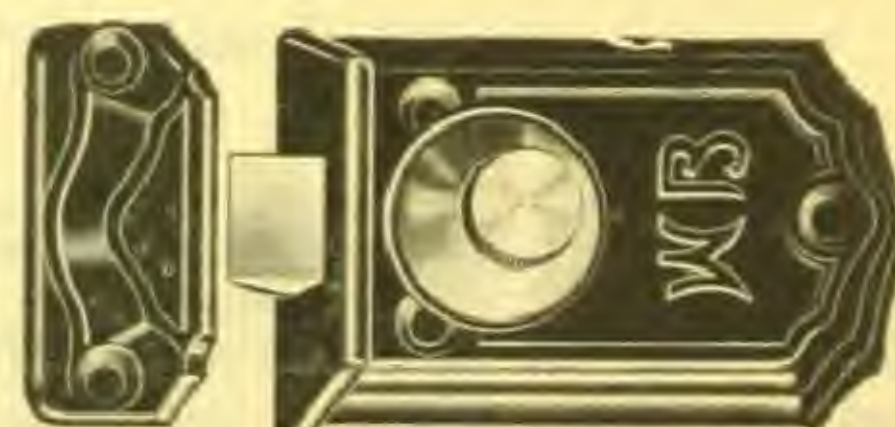
One in a box with screws.



No. 166—Size 2 1/4 x 3 1/2 inches; japanned iron case; backset 2 1/4 inches; for doors 1 to 1 1/4 inches thick; right or left hand; nickel plated draw back knob; iron bolt can be held in operation by turning the knob; bronze key plate; two nickel plated steel keys warded type; six changes; weight per dozen, 10 lbs.

Per dozen \$23.00

One in box with screws.



No. 157—Size 2 1/4 x 3 1/2 inches; japanned iron case and strike; backset 2 1/4 inches; for doors 1 1/4 to 1 3/4 inches thick; reversible; nickel plated draw knob; right or left hand; two nickel plated steel keys; warded type; six key changes; weight per dozen, 13 lbs.

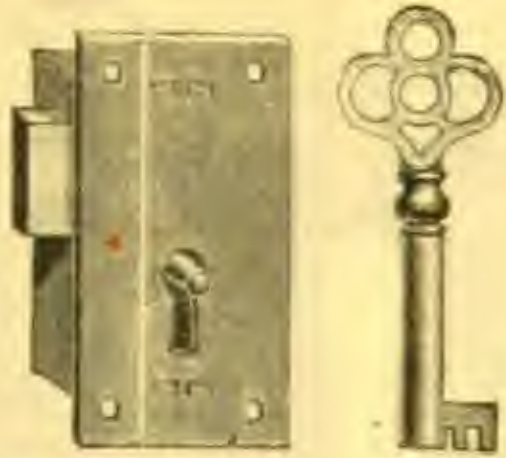
Per dozen \$29.50

One in box with screws.



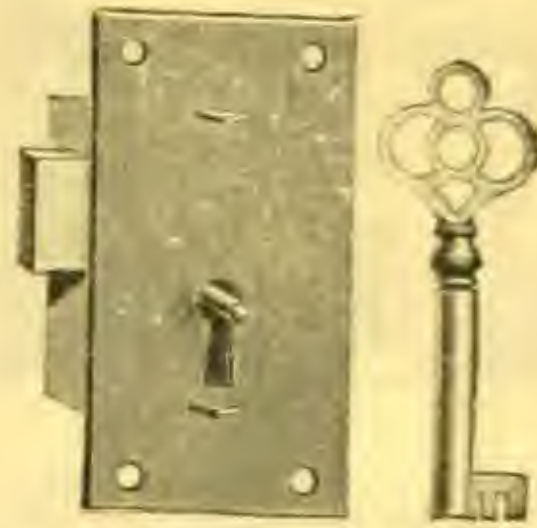
## Wardrobe Locks

BARREL KEY



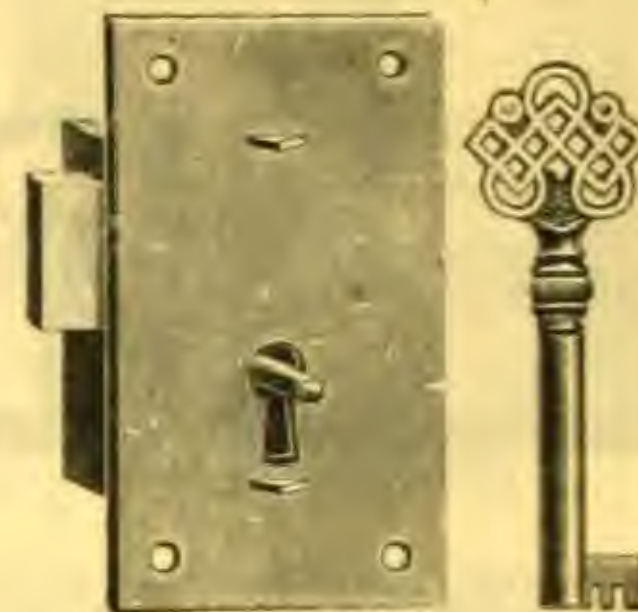
No. W2 1/4—2 x 1 in. all steel; solid box; unpolished bolt shoots right and left; 1 malleable iron key to each lock. Weight per dozen, 1 1/2 lbs.  
 Per dozen \$2.40  
 No. 191 1/2—Brass; otherwise as above. Per dozen \$6.00  
 One dozen in box.

BARREL KEY



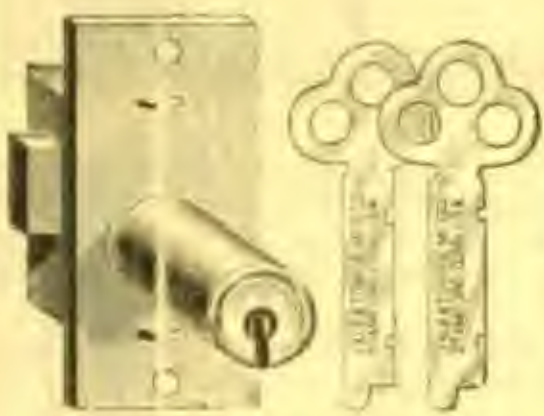
No. W3 1/4—2 1/2 x 1 1/4 in.; all steel; solid box; unpolished; bolt shoots right and left; 1 malleable iron key to each lock. Weight per dozen, 1 1/2 lbs.  
 Per dozen \$3.10  
 No. 192—Brass; otherwise as above. Per dozen \$6.50  
 One dozen in box.

BARREL KEY



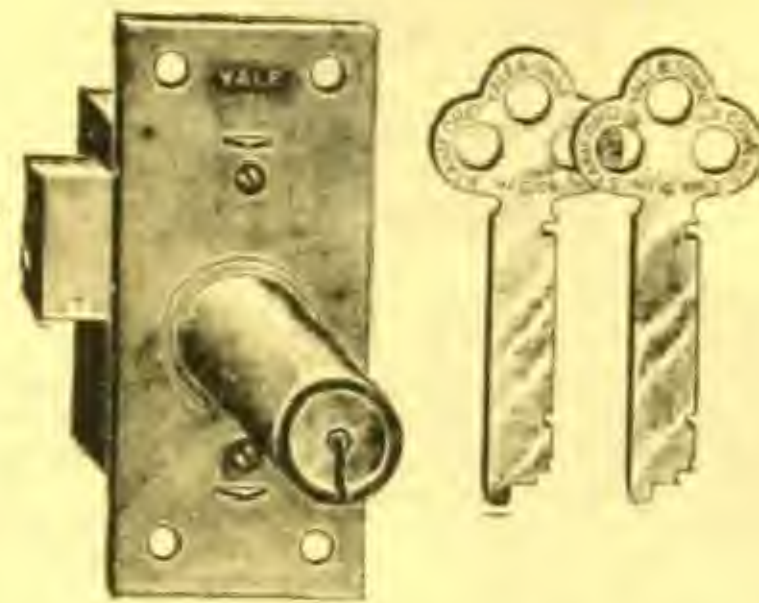
No. W7—3 x 1 1/2 in.; all steel; solid box; unpolished; bolt shoots right and left; 1 malleable iron key to each lock. Weight per dozen, 3 lbs.  
 Per dozen \$3.00  
 No. 192 1/2—Brass; otherwise as above. Per dozen \$7.00  
 One dozen in box.

FLAT KEY



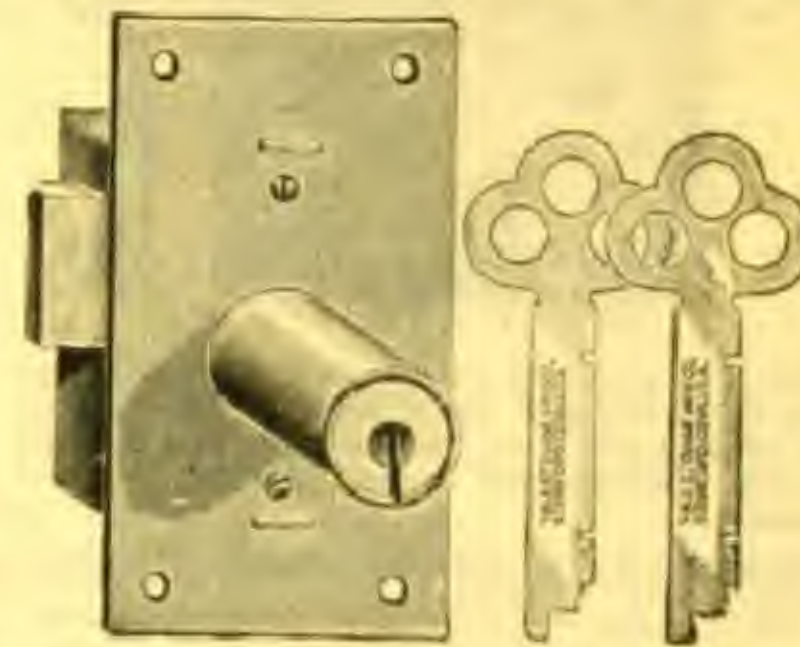
No. W100—1 1/4 x 3/4 in.; steel; solid box; brass bolt; shoots right and left; 2 nickel plated flat steel keys to each lock; regularly furnished for 3/4 in. wood. Weight per dozen, 1 1/2 lbs.  
 Per dozen \$17.50  
 No. 262—2 x 1 in.; brass; otherwise as above. Per dozen \$19.50  
 Half dozen in box.

FLAT KEY



No. W103—3 x 1 1/4 in.; steel; solid box; screwed; brass bolt; shoots right and left; 2 nickel plated flat steel keys to each lock; regularly furnished for 3/4 in. wood. Weight per dozen, 2 lbs.  
 Per dozen \$28.00  
 No. 263—3 x 1 1/4 in.; Brass; otherwise as above. Per dozen \$30.00  
 Half dozen in box.

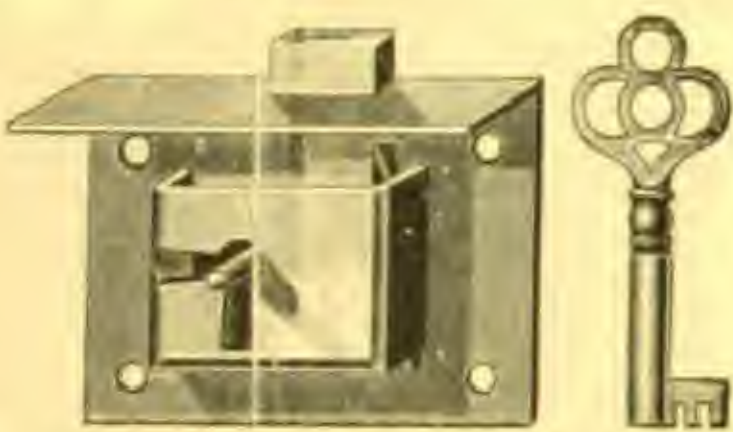
FLAT KEY



No. W102—2 3/4 x 1 1/4 in.; steel; solid box; screwed; brass bolt; shoots right and left; 2 nickel plated flat steel keys to each lock; regularly furnished for 3/4 in. wood; weight per dozen, 3 lbs.  
 Per dozen \$25.00  
 No. 262 1/2—2 1/2 x 1 1/4 in.; brass; otherwise as above. Per dozen \$27.00  
 Half dozen in box.

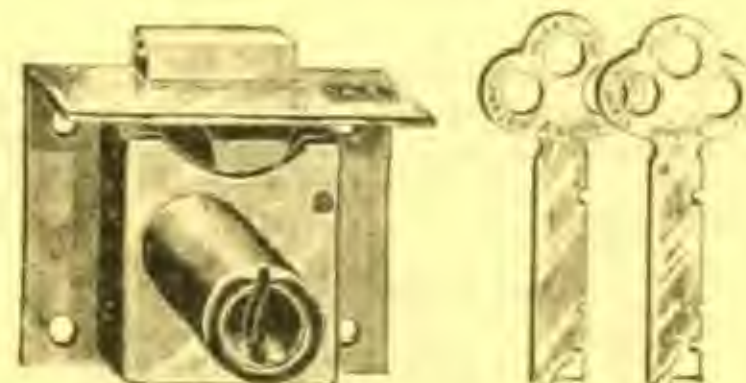
## Drawer Locks

BARREL KEY



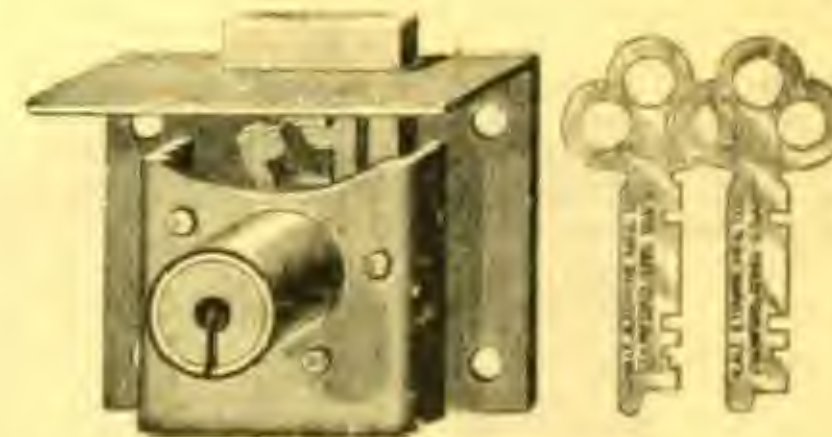
No. R165—1 1/4 x 2 1/4 in.; steel; cap, steel, unpolished narrow steel bolt; distance from edge of selvage to center of key pin 3/4 in.; 1 malleable iron key to each lock. Weight per dozen, 1 1/2 lbs.  
 Per dozen \$3.30  
 No. 212—1 1/2 x 2 in.; brass; otherwise as above. Per dozen \$8.00  
 No. 212 1/2—1 1/4 x 2 1/2 in.; brass; otherwise as above. Per dozen \$8.50  
 One dozen in box.

FLAT KEY



No. R295C—1 1/2 x 1 1/4 in.; steel; broad heavy bolt; distance from edge of selvage to center of nose 3/4 in.; 2 nickel plated flat steel keys to each lock; regularly furnished for 3/4 in. wood. Weight per dozen, 2 lbs. Per dozen \$10.50  
 No. 26R—Brass; otherwise as above. Per dozen \$14.00  
 One dozen in box.

FLAT KEY



No. RA300—1 1/2 x 2 in.; brass; broad heavy bolt; distance from edge of selvage to center of nose 3/4 in.; 2 nickel plated flat steel keys to each lock; regularly furnished for 3/4 in. wood. Weight per dozen, 2 lbs. Per dozen \$15.60  
 No. 26C—Brass; otherwise as above. Per dozen \$14.50  
 One dozen in box.

PARACENTRIC KEY



No. 5551 1/4—1 1/4 x 2 in.; all brass; solid; screwed box; broad heavy bolt; 3/8 in. throw; cylinder, brass; 7/8 in. diameter; buffed nose; distance from edge of selvage to center of cylinder 3/8 in.; 2 paracentric nickel bronze keys to each lock; regularly furnished for 3/4 in. wood; weight per dozen, 4 lbs. Per dozen \$56.00  
 One in box; 12 in carton



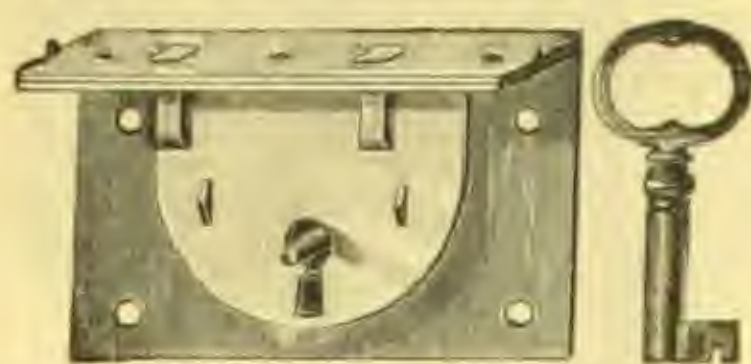
FLAT KEY

No. R359—1 3/4 x 1 3/4 in.; steel; distance from edge of selvage to center of nose 3/4 in.; 2 nickel plated flat steel keys to each lock; regularly furnished for 3/4 in. wood. Weight per dozen, 2 lbs. Per dozen \$11.30  
 No. 26A—Brass otherwise as above. Per dozen \$16.00  
 One dozen in box.



## Chest Locks

BARREL KEY



No. S4— $1\frac{1}{2} \times 2\frac{1}{2}$  in.; steel; double link; distance from edge of seldge to center of key pin  $\frac{3}{4}$  in.; 1 malleable iron key to each lock. Weight per dozen, 1 $\frac{1}{2}$  lbs. Per dozen \$9.30

One dozen in box.

BARREL KEY



No. S8— $2 \times 3\frac{1}{2}$  in.; steel; double link; distance from edge of seldge to center of key pin  $1\frac{1}{2}$  in.; 1 malleable iron key to each lock. Weight per dozen, 2 lbs. Per dozen \$12.30

One dozen in box.

BARREL KEY



No. SA21— $7\frac{1}{2} \times 1\frac{1}{2}$  in.; brass plate; steel cap; single steel link; distance from edge of seldge to center of key pin  $\frac{3}{4}$  in.; 1 malleable iron key to each lock. Weight per dozen, 1 lb. Per dozen \$3.50

One dozen in box.

BARREL KEY

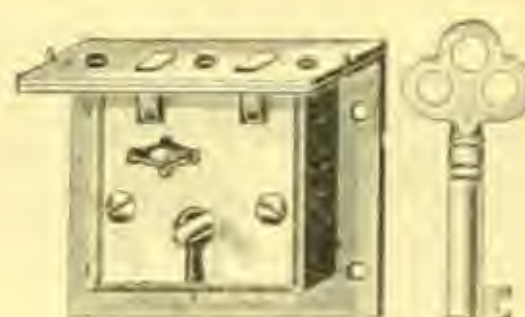


No. S114— $1\frac{3}{4} \times 2\frac{1}{2}$  in.; steel; solid; screwed cap; double link; distance from edge of seldge to center of key pin 1 in.; 1 malleable iron key to each lock. Weight per dozen, 2 $\frac{1}{2}$  lbs. Per dozen \$15.90

No. 212 $\frac{1}{2}$ C— $1\frac{1}{2} \times 2\frac{1}{2}$  in.; brass; otherwise similar to above. Per dozen \$10.00

Half dozen in box.

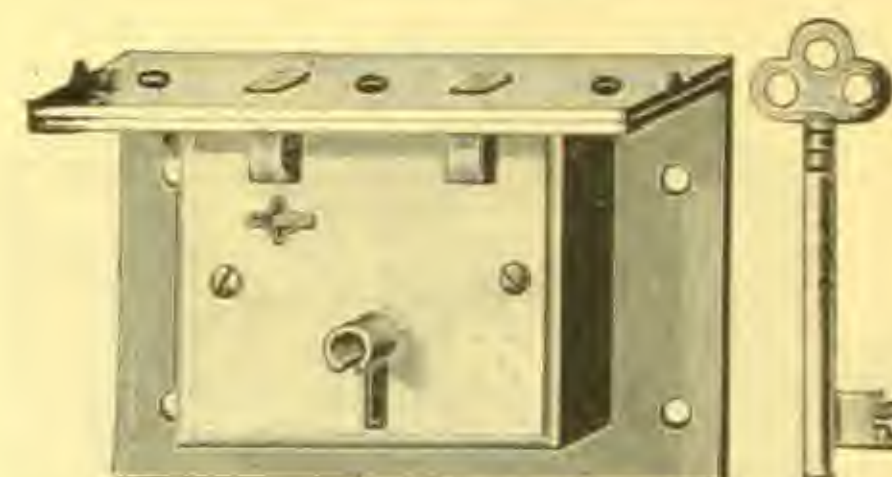
BARREL KEY



No. S110— $1\frac{1}{4} \times 1\frac{1}{2}$  in.; steel; solid; screwed cap; double link; distance from edge of seldge to center of key pin  $\frac{3}{4}$  in.; 1 malleable iron key to each lock. Weight per dozen, 2 lbs. Per dozen \$13.40

Half dozen in box.

BARREL KEY

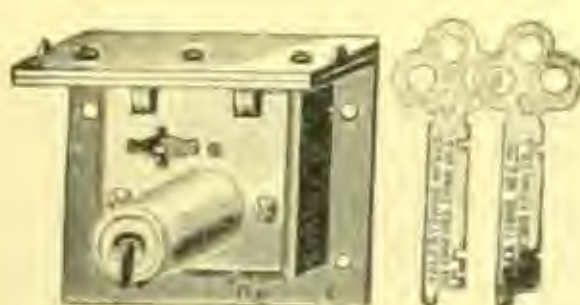


No. S117— $1\frac{1}{2} \times 3$  in.; steel; solid; screwed cap; double link; distance from edge of seldge to center of key pin  $1\frac{1}{2}$  in.; 1 malleable iron key to each lock. Weight per dozen, 3 $\frac{1}{4}$  lbs. Per dozen \$18.00

No. 213C— $1\frac{1}{2} \times 3$  in.; brass; otherwise similar to above. Per dozen \$12.00

Half dozen in box.

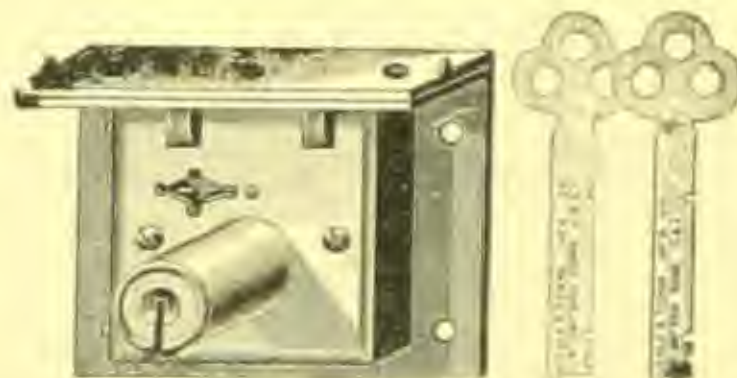
FLAT KEY



No. SA160— $1\frac{1}{4} \times 1\frac{1}{2}$  in.; all brass; unpolished; solid; screwed cap; double link; distance from edge of seldge to center of nose  $\frac{3}{4}$  in.; 2 nickel plated steel keys to each lock. Weight per dozen, 1 $\frac{1}{2}$  lbs. Per dozen \$20.00

Half dozen in box.

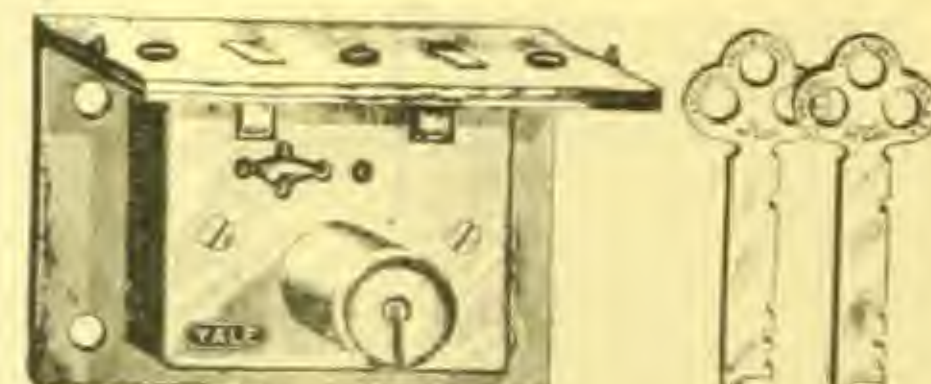
FLAT KEY



No. SA162— $1\frac{1}{2} \times 2$  in.; all brass; unpolished; solid; screwed cap; double link; distance from edge of seldge to center of nose  $\frac{3}{4}$  in.; 2 nickel plated flat steel keys to each lock. Weight per dozen, 2 lbs. Per dozen \$23.30

Half dozen in box.

FLAT KEY



No. SA164— $1\frac{1}{4} \times 2\frac{1}{2}$  in.; all brass; unpolished; solid; screwed cap; double link; distance from edge of seldge to center of nose 1 in.; 2 nickel plated flat steel keys to each lock. Weight per dozen, 3 lbs. Per dozen \$29.40

No. 26— $1\frac{1}{2} \times 2\frac{1}{2}$  in.; brass; otherwise as above. Per dozen \$22.80

Half dozen in box.

FLAT KEY



No. S168— $2\frac{1}{4} \times 3\frac{1}{2}$  in.; all steel; solid cap; double self locking link; distance from edge of seldge to center of nose pin  $1\frac{1}{4}$  in.; 2 nickel plated flat steel keys to each lock. Weight per dozen 2 $\frac{1}{4}$  lbs. Per dozen \$34.90

Half dozen in box.

BARREL KEY

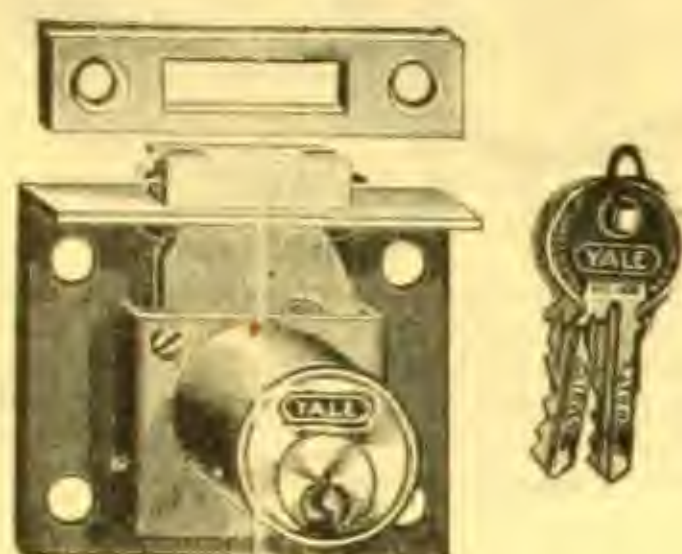


No. S86— $2\frac{1}{4} \times 4$  in.; steel; solid; screwed cap; double self locking link; distance from edge of seldge to center of key pin  $1\frac{1}{2}$  in.; 1 malleable iron key to each lock. Weight per dozen, 3 $\frac{1}{2}$  lbs. Per dozen \$27.00

Half dozen in box.

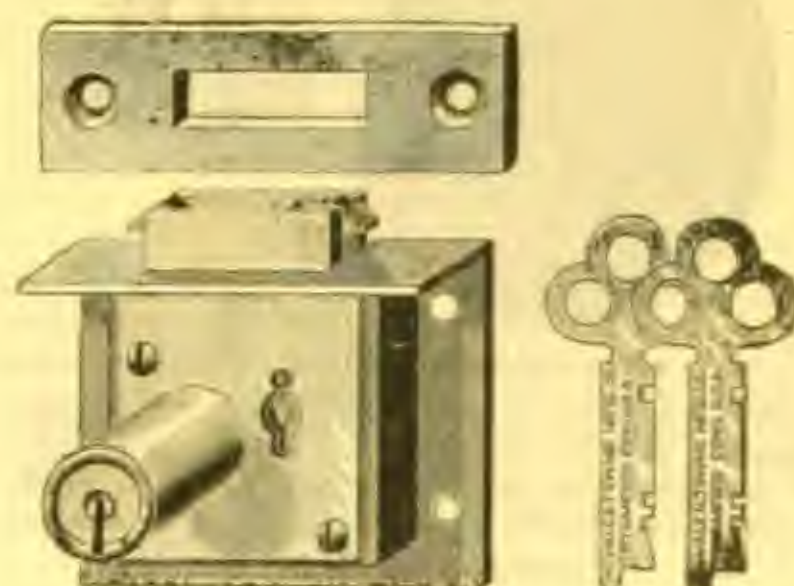


# Desk Locks



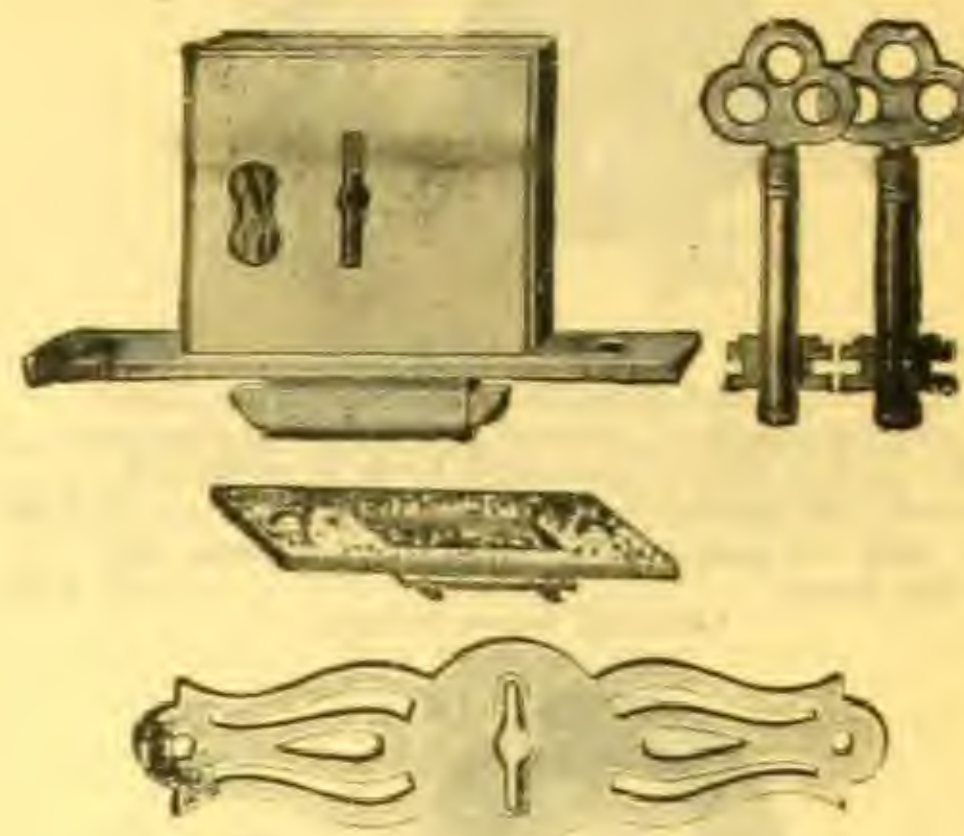
No. 5541—Size  $1\frac{1}{2} \times 2$  inches; 1 inch drop; all brass; for wood  $\frac{3}{4}$  inches thick; cylinder  $\frac{1}{2}$  inch in diameter, with buffed face; two paracentric keys with each lock; changes unlimited; can be master-keyed to special order; weight per dozen, 4 lbs. Per dozen \$34.80

One in box.



No. S290—Size  $1\frac{1}{2} \times 2$  inches;  $\frac{1}{4}$  inch drop; iron plate, box and strike; brass bolt; screwed box; for  $\frac{1}{2}$  inch wood; three secure levers; 12 key changes; two nickel plated flat steel keys. Weight per dozen,  $3\frac{1}{2}$  lbs. Per dozen \$24.90

One dozen in box.



No. S208— $1\frac{1}{2} \times 3$  inches; solid steel box; steel bolt; with solid steel spring hooks; self-closing brass strike; brass escutcheon; distance from edge of sledge to centre of key hole  $\frac{1}{2}$  inch; 2 nickel plated double-bitted steel keys to each lock; weight per dozen,  $3\frac{1}{2}$  lbs. Per dozen \$20.20

Packed, half dozen in a box, with strikes, escutcheons and screws

## SUIT CASE CATCH



No. 0863—Size  $1\frac{1}{4} \times 2\frac{1}{2}$  inches; steel, brass plated finish; for suit cases; tool boxes; tool chests, etc. Weight per gross,  $9\frac{1}{2}$  lbs. Per dozen \$2.50

Quarter gross in box.

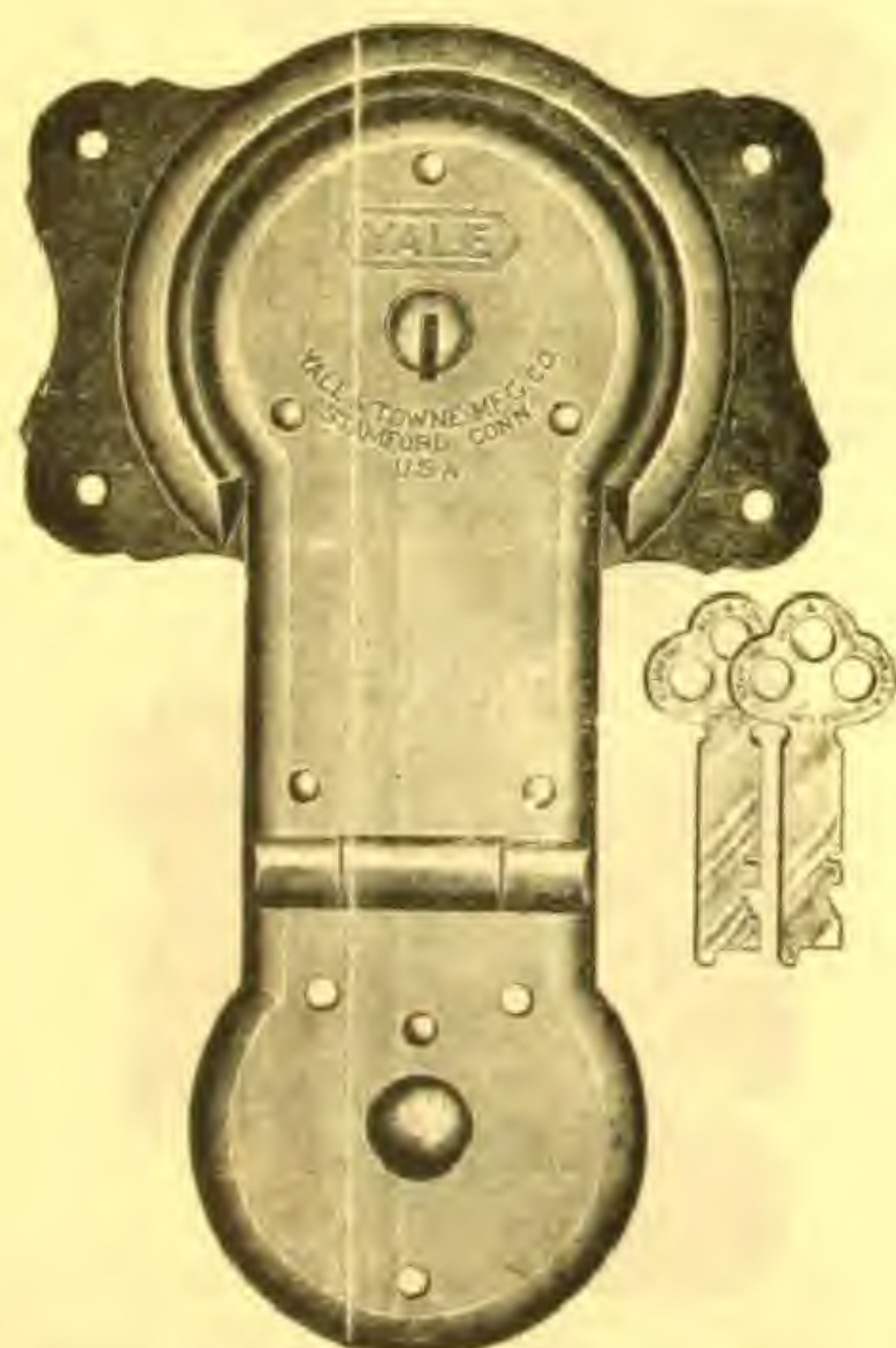


## SUIT CASE LOCK

No. 825—Size  $2\frac{1}{8} \times 3\frac{1}{4}$  inches; solid brass; polished brass finish. One barrel key to each lock; weight per dozen,  $2\frac{1}{4}$  lbs. Per dozen \$32.00

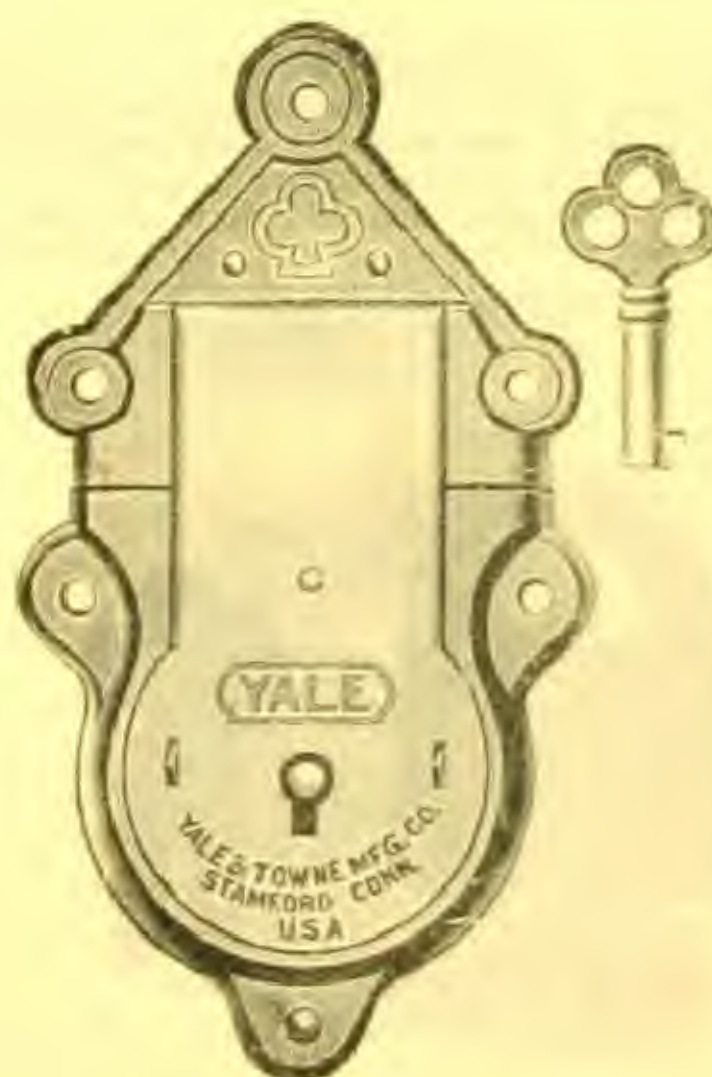
Half dozen in box.

# Trunk Locks



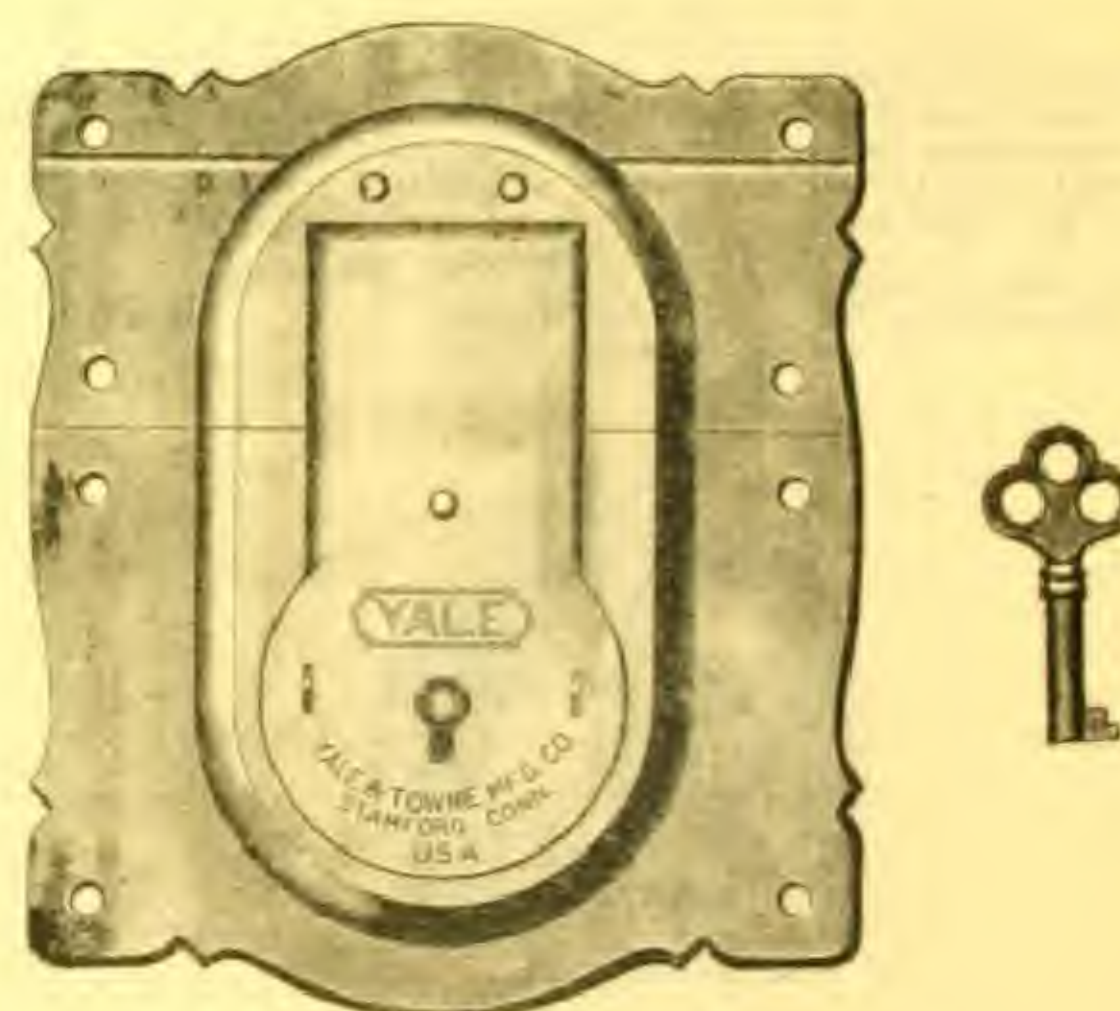
No. TS5501A— $6\frac{1}{2}$  inches; steel, brass plated, unpolished, with guard cup; hasp riveted to trunk self locking; 2 nickel plated flat steel keys to each lock; weight per dozen,  $7\frac{1}{2}$  lbs. Per dozen \$20.50

One dozen in box.



No. TS250  $\frac{1}{2}$  A—5 inches; malleable iron; brass plated, unpolished; 1 malleable iron key to each lock; weight per dozen, 7 lbs. Per dozen \$9.60

One dozen in box.



No. TS235  $\frac{1}{2}$  A— $4\frac{1}{2}$  inches; frame, center and hasp, wrought steel, brass plated, unpolished. Attached to trunk without cutting; 1 malleable iron key to each lock; weight per dozen, 7 lbs. Per dozen \$9.30

One dozen in box.



## Yale Padlocks



VIGILANT

No. 453J—1½ inch japanned steel case; brass plated malleable shackle; warded type; six key changes; two nickel plated flat steel keys to each lock; weight per dozen 1½ lbs. Per dozen \$ 5.00  
No. 455J.—2 inch case otherwise the same as 453. Per dozen \$ 7.30  
One-half dozen in box.



CENTURY

No. 9465X—2 inch steel case, brass finish; malleable iron shackle also brass plated; six lever tumblers; twelve changes; two double bitted keys to each lock weight per dozen 5 lbs. Per dozen \$8.90  
One-half dozen in box.



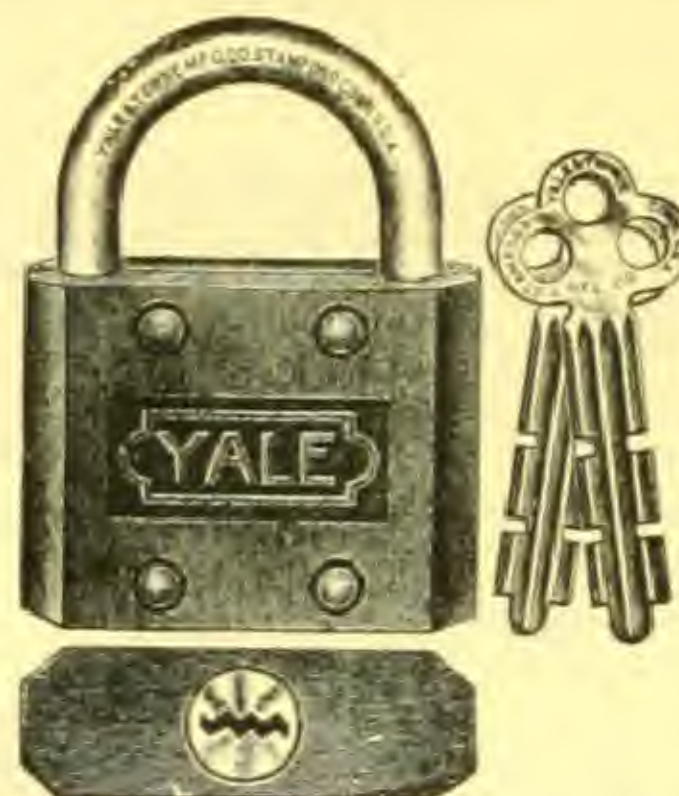
CYCLOPS

No. 215—2½ inch cast iron case, Nubian finish; brass plated wrought steel panels; brass plated drop forged steel shackle; warded; six key changes; two nickel plated flat steel keys No. 215. Weight per dozen, 10 lbs. Per dozen \$17.80  
One-half dozen in box.



TITAN

No. 223.—1½ inch hower barfed cast iron case; brass plated wrought steel panels; brass plated wrought steel shackle; warded; six key changes; two nickel plated flat steel keys No. 223. Weight per dozen, 5 lbs. Per dozen \$13.20  
No. 225—Same as No. 223 in 2 inch; weight per dozen, 7 lbs. Per dozen \$17.80  
One-half dozen in box.



No. 235—2½ inch, hower-barfed cast iron case, nickel plated steel shackle; warded type; six key changes; two corrugated steel keys to each lock; weight per dozen 7 lbs. Per dozen \$17.80  
One-half dozen in box.



LOXOL

No. 326—2½ inch cast iron case, Nubian finish; copper plated steel discs one each side; copper plated steel shackle; warded type; six key changes; two nickel plated flat steel keys with each lock; weight per dozen 10 lbs. Per dozen \$23.90  
One-half dozen in box.



DEFIANCE

No. 563—1½ inch seamless steel case, hower-barfed finish; plated steel shackle; three lever tumbler mechanism forty-eight changes; two nickel plated flat steel keys to each lock; weight per dozen 5 lbs. Per dozen \$25.70  
No. 565—2 inch weight per dozen 7 lbs otherwise the same as No. 223. Per dozen \$30.00  
One-half dozen in box.



MONITOR

No. 8454—2 inch dead black finish seamless steel case and dead black steel shackle; self-locking; four lever tumblers; two nickel plated corrugated steel keys No. 68 to each lock; 144 key changes. Weight per dozen, 6 lbs. Per dozen \$49.40  
One-half dozen in box.



IRONSIDE

No. 805F—2 inch dead black finish cast iron case and buffed bronze shackle; self-locking; four pin tumblers; two nickel plated flat steel keys No. 3½ to each lock; 144 key changes. Weight per dozen, 7½ lbs. Per dozen \$34.50  
One-half dozen in box.



STANDARD

No. 813—1 inch fine wheel finish cast bronze case and shackle; self-locking; three lever tumblers; 48 key changes; two fluted nickel bronze coined keys No. 86 with gold plated bows. Weight per dozen 2 lbs. Per dozen \$35.00  
One-half dozen in box.



STANDARD

No. 833—1½ inch fine wheel finish cast bronze case and shackle; self-locking; three lever tumblers; 48 key changes; two fluted nickel bronze coined keys No. 87 with gold plated bows. Weight per dozen, 4 lbs. Per dozen \$44.00  
One-half dozen in box.



STANDARD

No. 853—2 inch fine wheel finish cast bronze case and shackle; self-locking; four lever tumblers; 144 key changes; two fluted nickel bronze coined keys No. 88 with gold plated bows. Weight per dozen, 7 lbs. Per dozen \$54.40  
One-half dozen in box.



# Miller Padlocks



**MILLER**

No. 37—1½ inch black enamelled steel case; nickel plated malleable shackle; two nickel plated flat steel keys to each lock; six key changes; weight per dozen 2½ lbs. **Per dozen** \$4.10

One dozen in box.



**ELEPHANT**

No. 95—1½ inch heavy black enamelled steel case; nickel plated malleable steel spring shackle, bolted at nose as well as at heel, giving additional security and strength; two nickel plated steel keys; 12 key changes. Weight per dozen, 1¼ lbs. **Per dozen** \$3.10

One dozen in box.



**MILLER**

No. 16—1½ inch black enamelled heavy rolled steel case; nickel plated malleable iron self-locking spring shackle; two nickel plated flat steel keys; six key changes. Weight per dozen, 1 lb. **Per dozen** \$4.30

One dozen in box.



**MILLER**

No. 21—2 inch black enamelled heavy rolled steel case; nickel plated malleable iron self-locking spring shackle; two nickel plated flat steel keys; twelve key changes. Weight per dozen, 2½ lbs. **Per dozen** \$6.90



**MILOCO**

No. 478B—1½ inch brass plated steel case; brass plated malleable shackle; two nickel plated steel keys to each lock; six key changes; weight per dozen 1½ lbs. **Per dozen** \$3.30

One dozen in box.



**MILOCO**

No. 1920B—1½ inch brass plated steel case; brass plated malleable shackle; two nickel plated steel keys to each lock. **Per dozen** \$4.10



**MILLER**

No. 88B—1½ inch; brass plated steel case; malleable black oxidized shackle; two nickel plated flat steel keys with each lock; twelve key changes; weight per dozen, 3½ lbs. **Per dozen** \$7.30

One-half dozen in box.



**BRASS**

No. 12—2¼ inch cast brass polished padlock; wrought steel shackle, nickel-plated, two steel nicked keys to each lock, six key changes, weight per dozen, 4¾ lbs. **Per dozen** \$16.20

Half-dozen in box.



**BRONZE**

No. 617—2½ inch cast bronze case; bronze shackle; all polished finish; two extra heavy nickel plated steel keys with each lock; one hundred and forty four key changes; weight per dozen, 5½ lbs. **Per dozen** \$37.60

One-half dozen in box.



**GALVANIZED**

No. 573 G.X.D.—2½ inch steel case; malleable shackle; all parts including interior lens are galvanized; spring drop key hole cover; two barrel keys to each lock; twelve key changes; can be masterkeyed to order in sets of 3, 6 or 12 locks; Weight per dozen, 6 lbs. **Per dozen** \$12.90

No. 573 G.X.D.C.—With chain; weight per dozen, 7 lbs, otherwise same as 573 G.X.D. **Per dozen** \$15.60

One-half dozen in box.



**EMPIRE**

No. 125—2¼ inch cast brass case; shackle and interior parts are brass; six lever; twelve key changes; two nickel plated steel keys to each lock; a very reliable lock; strong and secure against picking; weight per dozen, 5¼ lbs. **Per dozen** \$22.80

One-half dozen in box.



**CHAMPION**

No. 1—2¼ inch cast bronze case; much harder and tougher than bronze; conmetal self-locking spring shackle; brass interior parts with 91 metal springs. A very strong and compact non-pickable six lever padlock with unlimited key changes. Two nickel plated flat steel keys with each lock. Weight per dozen, 5¼ lbs. **Per dozen** \$27.60

One-half dozen in box.



## Slaymaker Padlocks



No. 1092—1½ inch; cast brass case; polished; nickel plated steel shackle; inside measurement of the shackle is 1½ x 4½ inches and it is adjustable to ¾ inches in length; lever type mechanism; sixty-four key changes; two corrugated keys with each lock; weight per dozen, 6 lbs. Per dozen \$21.00

One in box; six in carton.



No. 351—2 inch steel case; malleable shackle; all brass plated finish; double locking lever construction; twelve changes; two nickel plated steel keys to each lock; weight per dozen, 5 lbs. Per dozen \$7.50

One half dozen in box.



No. 180—2 inch cast brass case; nickel plated steel shackle; extra shackle space is provided by the cut-away in the case; warded construction; six changes; two nickel plated steel keys with each lock; weight per dozen 7½ lbs. Per dozen \$15.50

One-half dozen in box.



No. 4019 N.D.—2 inch steel case japanned with raised parts polished; nickel plated shackle; barrel key; curved key way; two keys with each lock; weight per dozen, 5 lbs. Per dozen \$5.70

One-half dozen in box.



No. 1903—1¼ inch cast brass case; steel shackle; warded type; twelve changes; two corrugated steel keys to each lock; weight per dozen 2 lbs. Per dozen \$10.00

No. 1902—1½ inch weight per dozen, 4 lbs. otherwise as 1903. Per dozen \$13.20

No. 1904—2½ inch; weight per dozen, 6½ lbs. otherwise as 1903. Per dozen \$16.00

One-half dozen in box.

## Clark Padlocks



No. 2000—2¼ inch steel case; black enamelled finish; nickel plated steel shackle; lever type; two steel keys to each lock; twelve changes; weight per dozen, 4½ lbs. Per dozen \$7.00

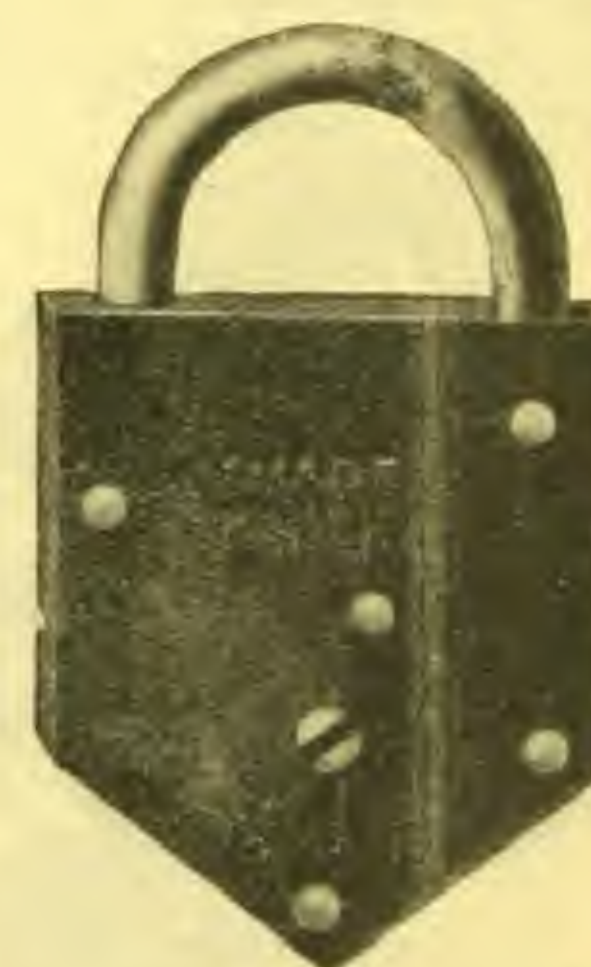
No. 2001—All brass case and works, otherwise the same as No. 2000. Per dozen \$11.00

One-half dozen in box.



No. 1900—2 inch steel case; black enamelled finish; nickel plated steel shackle; lever type; two steel keys with each lock; twelve changes; each lock packed in a strong envelope; weight per dozen 3½ lbs. Per dozen \$6.50

One dozen in box.



No. 1000—2½ inch steel case; black enamelled finish; nickel plated steel shackle; seven lever mechanism; twenty one changes; two steel keys to each lock; weight per dozen, 6 lbs. Per dozen \$7.50

One-half dozen in box.



# Padlock Assortments



No. 5001.—Corbin; an attractive steel display 20½ x 9½ inches, attractively finished in circassian walnut and supplied with hinges to attach to upright between the shelving or can be hung up by the chain; contains 1½ dozen cast brass locks of various sizes and designs, two each as follows: Nos. 02829 x 2½ inch, 09827 x 1½ inch, 09827 H x 1½ inch, 09828 x 1½ inch, 09828 II x 1½ inch, 09830 x 1½ inch and 09838 x 1½ inch, each one designated by a brass tag; weight per assortment packed 8 lbs. Per assortment \$20.00  
One display in a box.



No. 1502.—Clark; contains one third dozen each No. 1900 brass finish, 2 inch size; No. 2000 brass finish, 2½ inch size; and No. 1989 brass finish, 1½ inch size; on attractive display card; size of card 12 x 15 inches; weight per assortment 1½ lbs. Per card \$6.00  
One card in a box.



No. 931.—Miller Panel Display; the metal panel is 21 x 9½ inches, attractively lithographed with hangers as shown in cut. There are fifteen different locks in this display assorted as below: one half dozen each Nos. 478, 100B, 1805, 1905B, 180, 1920B, 3, 2105B, 19, 21B, 88, 700B, and one each Nos. 573CXD, 650, and 1. Six and one quarter dozen in all. Weight packed for shipment 10 lbs.  
Per assortment \$40.00  
No. 929.—Contents one quarter dozen each, Nos. 478, 100B, 1805, 1905B, 180, 1920B, 3, 2105B, 19, 21B, 88, 700B, and one each 573CXD, 650, and 1. Weight packed 6 lbs.  
Per assortment \$24.50  
One Display in box.



No. 1500.—Clark; consists of one dozen steel case locks assorted as follows: one only No. 1000 brass plated, one only No. 1000 japanned; two only No. 1900 brass plated, two only No. 1900 japanned, three only No. 2000 brass plated; and three only No. 2000 japanned on attractive display card, weight per card 5 lbs. Per card \$6.50  
One card in a box.



## Casters



Gem Socket Casters; roller bearing; grip neck; lignum-vitae wheel; steel frame.

Number	356	456
Wheel, inches	1 1/8 x 2 1/4	1 3/8 x 2 1/2
Stem, inches	1/2 x 1 1/4	3/4 x 1 1/2
Plate, inches	1	1
Weight per set, lbs.	1 1/2	2 1/4

Per set \$0.70 0.78

One set in a box.



Gem Socket Casters; roller bearing; grip neck; iron wheel; steel frame.

Number	355	455	655
Wheel, inches	1 1/8 x 2 1/4	1 3/8 x 2 1/2	1 7/8 x 2 3/4
Stem, inches	1/2 x 1 1/4	3/4 x 1 1/2	5/8 x 1 1/2
Plate, inches	1	1	1 1/2
Weight per set, lbs.	1 1/2	2 1/4	1

Per set \$0.92 0.96 1.12

One set in a box.



Universal Socket Casters; ball bearing; grip neck; steel wheel; steel frame.

Number	503 x 28	505 x 28
Wheel, inches	1 1/8 x 2 1/4	1 3/8 x 2 1/2
Stem, inches	1/2 x 1 1/4	3/4 x 1 1/2
Plate, inches	1	1
Weight per set, lbs.	2 1/2	3 1/4

Per set \$0.54 0.64

Six sets in a box.

Universal Socket Casters; ball bearing; grip; lignum-vitae wheel; steel frame.

Number	503 x 26	505 x 26
Wheel, inches	1 1/8 x 2 1/4	1 3/8 x 2 1/2
Stem, inches	1/2 x 1 1/4	3/4 x 1 1/2
Plate, inches	1	1
Weight per set, lbs.	1 1/2	2 1/4

Per set \$0.50 0.60

Six sets in a box.



No. 354—Gem Drive Casters; roller bearing; drive stem; lignum-vitae wheel; size of stem 1/4 x 1 1/2 inches; size of wheel 1 1/8 x 2 1/4 inches; size of plate 1 1/8 inch. Weight per set 1 1/2 lb.

Per set \$0.64

One set in a box.



No. 353—Gem Drive Casters; roller bearing; drive stem; iron wheel; size of stem 1/4 x 1 1/2 inch; size of wheel 1 3/8 x 2 1/2 inches; size of plate 1 1/8 inch. Weight per set 1 1/2 lb.

Per set \$0.84

One set in a box.



FOR WOOD BEDS

No. 2—Bed Caster; iron wheel 1 1/2 inch in diameter; length of stem 2 inches; outside diameter of stem sleeve 1/2 inch; coppered finish; weight per set 1 1/2 lb.

Per set \$0.50

Six sets in a package.



Universal Bed Caster; ball bearing; stem for tubular bed posts; lignum-vitae wheel.

Number	1095x26	1007 x 26
Wheel, inches	1 1/8	1 3/8
For posts out. diameter ins.	1 or 1 1/8	1 1/4 or 1 1/2
Weight per set, lbs.	1 1/2	1

Per set \$0.60 0.90

Six sets in a box.



Universal Bed Caster; ball bearing; stem for tubular bed posts; steel wheel.

Number	1005x28	1007x 28
Wheel, inches	1 1/4	1 1/2
For posts out. diameter, ins.	1 or 1 1/8	1 1/4 or 1 1/2
Weight per set, lbs.	3/4	1

Per set \$0.60 0.90

Six sets in a box.



Giant Bed Caster; plain bearing; steel wheel; for metal or wood beds as below.

Name	King	Queen
Wheel, inches	1 1/4	1 1/2
Style of bed	metal	wood
Weight per set, lbs.	2 1/4	1

Per set \$0.35 0.35

Six sets in a box.



# Casters



**Gem Plate Caster; roller bearing iron wheel; steel frame.**

Number	351	451	651	851
Wheel, ins.	1 1/2 x 3/8	1 3/4 x 3/8	1 7/8 x 3/4	1 3/4 x 1
Plate, ins.	1 1/2 x 1 1/2	1 3/4 x 1 1/2	1 7/8 x 1 3/4	2 1/4 x 2 1/4
Height, ins.	1 1/2	1 3/4	2	2 1/2
Weight per set, lbs.	1	1 1/4	1 1/2	2
Per set	\$0.90	0.95	1.20	2.00

One set in a box.



**Gem Plate Caster; roller bearing; lignum-vitae wheels; steel frame.**

Number	352	452	652
Wheel, ins.	1 1/2 x 3/8	1 3/4 x 3/8	1 7/8 x 3/4
Plate, ins.	1 1/2 x 1 1/2	1 3/4 x 1 1/2	1 7/8 x 1 3/4
Height, ins.	1 1/2	1 3/4	2
Weight per set, lbs.	1	1 1/4	1 1/2
Per set	\$0.70	0.70	0.80

One set in a box.



**Universal Plate Caster; ball bearing; steel wheel; steel frame.**

Number	533 x 28	535 x 28	537 x 28
Wheel, ins.	1 1/2 x 3/8	1 3/4 x 3/8	1 7/8 x 3/4
Plate, ins.	1 1/2 x 1 1/2	1 3/4 x 1 1/2	2 1/4 x 2 1/4
Height, ins.	1 1/2	1 3/4	2 1/2
Weight per set, lbs.	1	1 1/4	1 1/2
Per set	\$0.50	0.64	0.84

Six sets in a box.



**Harvard Truck Casters; ball bearing; iron wheel; steel frame.**

Number	12421	13421
Wheel, ins.	2 1/2 x 1 1/2	3 1/4 x 1 1/2
Plate, ins.	2 1/2 x 3 3/8	3 1/4 x 4 1/8
Height, ins.	3 1/4	4 1/4
Weight per set, lbs.	5 1/4	8 1/2
Per set	\$3.60	5.00

One set in a box.



**Gem Truck Casters; roller bearing; iron wheel; cast iron plate.**

Number	937	1037
Wheel, ins.	3 1/4 x 1 1/2	4 x 1 1/2
Plate, ins.	3 1/4 x 4 1/2	4 x 5 1/2
Height, ins.	4 1/4	5 1/4
Weight per set, lbs.	13 1/4	15 1/2
Per set	\$6.80	8.60

One in a box.

**Universal Plate Caster; ball bearing; lignum-vitae wheel; steel frame.**

Number	533 x 26	535 x 26	537 x 21
Wheel, ins.	1 1/2 x 3/8	1 3/4 x 3/8	1 7/8 x 3/4
Plate, ins.	1 1/2 x 1 1/2	1 3/4 x 1 1/2	2 1/4 x 1 3/4
Height, ins.	1 1/2	1 3/4	2 1/4
Weight per set, lbs.	1	1 1/4	1 1/2
Per set	\$0.46	0.60	0.82

Six sets in a box.



## BALL BEARING

No. 460—Round Plate; brass-plated; hardened steel balls; will not tear rugs or carpets nor mark floors; moves easily in any direction.

Size, inches	1	1 1/4	1 1/2
Diameter of plate, inches	1 1/4	1 3/4	1 3/4
Height over all, inches	1 1/2	2 1/4	3 1/4
Weight per set, lbs.	1 1/4	2 1/4	3 1/4
Per set of four	\$1.00	1.20	1.60

Two sets in box.

## CHAIR SLIDES



Evergrip; used on all kinds of chairs or furniture; when equipped with these slides furniture slides smoothly over carpets or flooring; cold rolled steel; nickel-plated; notched prongs. In sets of four.

Numbers	192	193	194
Diameter, inches	3 1/4	4 1/4	5 1/4
Weight per dozen sets, ozs.	6	6	8
Per dozen sets	\$1.20	1.20	1.20

Dozen sets in box.



**Glass Base; For Wood Furniture; highly polished glass base; nickel-plated stamped steel cap; cold rolled steel stem set in a ball joint.**

Numbers	F6	F8
Diameter of base, inches	1 1/2	2
Weight per set, lbs.	1 1/2	2 1/2
Per set of four	\$1.06	1.34

One set in box.



**Glass Base; For Metal Beds; only; polished cast metal base; slides freely on floor; stamped steel cap; split rolled steel stem set in a ball joint.**

Numbers	FF8
Diameter of base, inches	2
For tubing, outside, inches	1 1/2
Weight per set, lbs.	2 1/4
Per set of four	\$1.46

One set in box.







## "S. S." Prepared Roofing

### WATERPROOF, WEATHERPROOF and FIRE RESISTING.

The most durable and reliable roofing for every kind of building. Rolls contain 108 square feet with nails, cement and directions for applying.

Thickness, ply	1	2	3
Weight per roll, lbs	35	45	55
CORONA. Per roll	\$2.40	3.10	3.70
S. S. TRINIDAD. Per roll	3.30	4.00	4.70
S. S. SPECIAL. Per roll	3.00	3.70	4.40

Open stock.

**CORONA**; a medium grade roofing of saturated felt with a wavy rubber finish; it is of uniform thickness, tough texture, and satisfactory for roofing, siding and repairs to outbuildings of various kinds; packed with nails and cement for applying.



TRINIDAD



SPECIAL

"S. S." Trinidad Roofing is a high grade product. We absolutely guarantee every roll. **Trinidad Roofing** is made from a densely compressed wool felt; saturated with asphalt and coated with a rubber like tough compound of Trinidad Lake Asphalt giving the surface a wavy rubber finish.

"S. S." Special roofing is a good servicable material. It is supplied to meet competition and is guaranteed free from defect of any kind. It is made from a wool felt base saturated with asphalt and one side coated with special asphalt coating and the other side sand finish.

## Slate Surfaced Roofing



"S. S." Slate Surfaced; Manufactured from the best grade of wool felt, thoroughly impregnated with waterproofing material and evenly quoted with crushed slate; attractive in appearance; absolutely waterproof and fireproof; desirable for the better class of buildings; put up in red or green color and in rolls or shingle form.

Rolls, 16 inches wide, Red or Green; weight per roll of 116 sq. feet 90 lbs.	Per Roll	\$6.60
Rolls, 32 inches wide, Red or Green; weight per roll of 108 sq. feet 85 lbs.	Per Roll	5.00
Hexagon Shingles, 12 x 32 inches, Red or Green, weight per square 220 lbs.	Per square	12.60
Four in One Shingles, 10 x 32 1/4 inches, Red or Green, weight per square 190 lbs.	Per square	11.60

Shingles are packed half square in a bundle.

## Ready Roofing

**Ready Roofing** consists of sheets of fine wool felt, waterproofed by being saturated with distilled tar. These sheets are then solidly cemented together with a pitch compound producing a moderate priced roofing of durable quality. To get permanent results the roofing should be coated with a good grade of elastic carbon paint when applied and at regular intervals thereafter as needed. No nails or cement are supplied with this roofing which is largely used for temporary purposes or outbuildings of the cheaper class.

Thickness, Ply	Rolls contain, square feet	Rolls cover square feet.	Rolls weight, lbs	Per roll
2	108	100	45	\$3.60
3	108	100	60	4.30

## Roofing Material



**Everjet Elastic Paint**—A very durable black paint for metal or wood surfaces. It is not affected by acids, alkalis, or gases, it prevents rust on metal and preserves wood from decay. For such work as metal roofs, bridges, machinery, boilers, smoke stacks, windmills, pumps, fences, etc. Put up in one gallon cans ready to apply. One gallon will cover from 200 to 500 square feet according to the surface.

Per gallon \$2.20

Twelve gallons in case.

**Plastic Elastigum**—Is exactly what the name implies an elastic gum of a plastic character, for quick and permanent repairs on prepared or metal roofs, also for fashing of all kinds, waterproofing gutters, stopping leaks around chimneys or skylights. It is ready for use in packages as below.

1 Pound Tins	Each	\$0.50
5 Pound Tins	Each	\$1.60
25 Pound Tins	Each	\$5.75

Open stock.

**COAL TAR**—Refined; In liquid form for roofing purposes. Barrels contain 40 gallons and weigh about 500 lbs.

Per barrel \$19.00

**ROOFING PITCH**—For use in applying felt and gravel roofing; used as a preservative and waterproofing for paving blocks, fence posts, wharf timbers, mill flumes etc. Barrels contain about 500 lbs.

Per 100 lbs \$3.30



## Window Glass

## LIST PRICE PER CASE OF 100 SQUARE FEET

Size, united inches	up to 25	26 to 40	41 to 50	51 to 60	61 to 70	71 to 80	81 to 85	86 to 90	91 to 95	96 to 100
Single per case	\$6.00	7.45	8.10	8.45	8.80	9.30	10.85	11.40		
Double, per case	\$9.80	12.20	13.30	13.80	14.40	15.15	17.65	18.50	20.65	22.35

Note—To arrive at the united inches add the length and width, i.e., a 10 x 12 glass would be 22 united inches and be listed in the first column.

## DISCOUNT FROM CASE LIST

## LIST PRICE PER PANE

Size	No. of Lights	Star	Double Dia- mond	Size	No. of Lights	Star	Double Dia- mond	Size	No. of Lights	Star	Double Dia- mond	Size	No. of Lights	Star	Double Dia- mond	Size	No. of Lights	Star	Double Dia- mond	Size	No. of Lights	Star	Double Dia- mond
7x9	229	\$0.18	\$0.22	16x42	21	2.32	3.04	x50	13	4.52	5.64	x56	9		10.12	x60	7		15.80	x74	5		33.20
8x10	180	22	26	x44	20	2.48	3.20	x52	13		5.72	x58	9		11.68	x62	7		18.40				
x12	150	26	32	x46	20	2.64	3.36	x54	12		6.04	x60	9		12.00	x64	7		18.80	40x76	5		34.60
9x12	133	30	36	x48	19	2.76	3.52	x56	12		6.12	x62	8		13.52					x78	5		35.00
10x12	120	34	40	x50	18		3.72	x58	11		6.20	x64	8		13.80	34x66	6		21.20	42x42	8		12.60
x14	103	38	46	x52	17		3.96	x60	11		9.00					x68	6		22.00	x44	8		13.40
x16	90	46	58	x54	17		4.16	24x24	25	1.88	2.44	28x66	8		14.40	x70	6		23.00	x46	7		13.80
x18	80	52	64	x56	16		4.56					x68	8		16.00	x72	6		25.60	x48	7		15.40
x20	72	58	72	x60	15		1.88	21x26	23	2.04	2.60	x70	7		18.00	x76	6		25.80	x50	7		15.80
								x28	21	2.36	3.00	x72	7		18.48	36x36	11	5.20	6.60	x52	7		16.20
10x22	65	64	80	18x20	40	1.10	1.36	x30	20	2.48	3.20	30x30	16	3.04	3.96	x38	11	5.40	6.80	x54	6		21.00
x24	60	70	86	x22	36	1.22	1.60	x32	19	2.60	3.36	x32	15	3.48	4.48	x40	10	5.80	7.20	x56	6		21.40
12x14	86	50	60	x24	33	1.40	1.80	x34	18	2.72	3.52	x34	14	3.76	4.80	x42	10	6.00	7.40	x58	6		21.80
x16	75	56	68	x26	31	1.52	2.00	x36	17	2.88	3.76	x36	13	4.00	5.00					x60	6		22.60
x18	67	62	78	x28	29	1.60	2.12	x38	16	3.28	4.20	x38	13	4.20	5.20	36x44	9	6.52	8.16				
x18	67	62	78	x30	27	1.76	2.32	x40	15	3.48	4.48					x46	9		11.20	42x62	6		23.00
x20	60	70	86	x32	25	1.88	2.48	x42	14	3.72	4.76	30x40	12	4.36	5.60	x48	8		12.60	x64	5		39.00
x22	55	76	94	x34	24	2.04	2.64					x42	11	5.26	6.60	x50	8		13.40	x66	5		30.80
x24	50	88	108	x36	22	2.24	2.88	24x44	14	3.80	4.92	x44	11	5.40	6.80	x52	8		13.68	x68	5		31.60
x26	46	96	118					x46	13	4.00	5.20	x46	10	5.88	7.28	x54	7		15.40	x70	5		32.20
				18x38	21	2.36	3.04	x48	12	4.84	6.00	x48	10	6.00	7.40	x56	7		15.72	x72	5		33.00
12x28	43	1.02	1.26	x40	20	2.48	3.20	x50	12	5.00	6.20	x50	10	6.40	7.80	x58	7		16.00	x74	5		35.00
x30	40	1.18	1.52	x42	19	2.72	3.48	x52	12		6.40	x52	9		10.00	x60	7		18.48	44x44	7		15.40
x32	38	1.24	1.64	x44	18	2.92	3.72	x54	11		6.64	x54	9		11.20				x46	7		15.60	
x34	35	1.36	1.76	x46	17	3.08	3.96	x56	11		6.80	x56	9		12.00	36x62	6		21.20	x48	7		15.80
x36	33	1.44	1.88	x48	17	3.16	4.08	x58	10		9.00					x61	6		21.60	x50	7		16.20
x38	32	1.48	1.96	x50	16	3.28	4.20	x60	10		10.00	30x58	8		13.40	x66	6		22.20	x52	6		18.48
x40	30	1.64	2.16	x52	15		4.48	21x62	10		10.80	x60	8		13.60	x68	6		23.00				
14x16	64	66	80	x54	15		4.92	x64	9		12.00	x62	8		13.80	x70	6		25.20	44x54	6		21.00
x18	57	74	92					x66	9		12.20	x64	8		14.20	x72	6		25.80	x56	6		21.60
				18x56	14		5.04	26x26	21	2.36	3.04	x66	7		16.00	x74	5		30.80	x58	6		23.00
14x20	51	82	104	x58	14		5.24	x28	20	2.48	3.20	x66	7		16.00	x76	5		32.80	x60	5		27.40
x22	47	94	116	x60	13		5.80	x30	18	2.72	3.52	x68	7		18.40	x78	5		33.20	x62	5		30.80
x24	43	1.02	1.24	20x20	36	1.22	1.56	x32	17	2.88	3.76	x70	7		18.60				x64	5		31.20	
x26	40	1.10	1.44	x22	33	1.40	1.88	x34	16	3.04	3.96	x72	7		19.68				x66	5		31.80	
x28	37	1.24	1.68	x24	30	1.56	2.08	x36	15	3.40	4.40	32x32	14	3.76	4.80	38x38	10	5.80	7.36	x68	5		33.00
x30	34	1.36	1.80	x26	28	1.64	2.24					32x34	13	4.00	5.20	x40	9	6.52	8.00	x70	5		33.20
x32	32	1.44	1.96	x28	26	1.80	2.40	26x38	15	3.52	4.52	x36	12	4.36	5.40	x42	9	6.60	8.40	x72	5		34.20
x34	30	1.56	2.08	x30	24	1.96	2.56	x40	14	3.76	4.80	x38	12	4.60	5.80	x44	9	7.00	11.00	x74	5		35.00
x36	29	1.64	2.16	20x32	23	2.16	2.76	x42	13	4.00	5.08	x40	11	5.20	6.60	x46	8		12.60	46x46	7		18.40
				x34	21	2.32	3.04	x44	13	4.20	5.20	x42	11	5.40	6.80	x48	8		13.40	x48	7		19.20
14x38	27	1.84	2.36	x36	20	2.44	3.20	x46	12	4.88	6.00	x44	10	5.88	7.20	x50	8		13.60	x50	6		21.20
x40	26	1.92	2.44	x38	19	2.60	3.36	x48	12	5.36	6.60	x46	10	6.08	7.40	x52	7		15.40				
x42	24	2.04	2.64	x40	18	2.84	3.60	x50	11	5.44	6.80	x48	9	6.60	8.16	x54	7		15.68	46x52	6		21.60
x44	23	2.12	2.76	x42	17	3.08	3.96	x52	11		7.00	x50	9		11.00				x54	6		22.00	
x46	22	2.24	2.88	x44	16	3.28	4.20	x54	10		7.32	32x52	9		11.40	38x56	7		15.80	x56	6		26.00
x48	21	2.36	3.04	x46	16	3.40	4.36					x54	8		13.20	x58	7		20.00	x58	5		27.40
x50	21	2.52	3.20	x48	15	3.48	4.48	26x56	10		9.20	x56	8		13.44	x60	7		21.20	x60	5		30.00
15x28	34	1.36	1.80					x58	10		11.20	x58	8		13.60	x62	7		21.60	x62	5		31.00
x30	32	1.44	1.96	20x50	14	3.76	4.80	x60	9		12.00	x60	8		13.80	x64	6		22.40	x64	5		31.80
				x52	14		5.24	x62	9		12.20	x62	7		15.60	x66	6		23.00	x66	5		33.00
15x32	30	1.56	2.08	x54	13		5.64	x64	9		12.40	x64	7		18.00	x68	6		25.00	48x48	6		21.00
x34	28	1.68	2.24	x56	13		5.80	x66	8		13.80	x66	7										

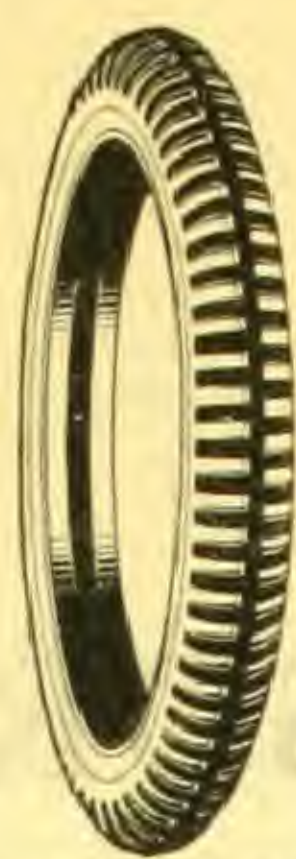


# AUTO ACCESSORY SECTION





## Partridge Automobile and Truck Tires

GUIDE  
FABRICSTANDARD  
FABRICPARTRIDGE  
FABRICTRUMP  
CORDPARTRIDGE  
CORD

Partridge Pneumatic Automobile and Truck Tires listed herewith are manufactured from the best materials obtainable and by the most modern and approved methods; they are guaranteed to be free from imperfections in material and workmanship and to give maximum service when used under proper conditions and in the service for which they are manufactured.

Tires returned for inspection under this guarantee must be sent charges prepaid, properly tagged and accompanied by details of the service rendered and conditions under which they were used; on receipt of which adjustment will be made at the option of the makers.

## PRICE LIST EFFECTIVE MARCH 21st, 1923

Size inches	*Northern Fabric	Guide Fabric	Standard Fabric	Partridge Fabric	Trump Cord	Partridge Cord	Regular Tubes	Extra Heavy Tubes
30x3 1/2	10.65	14.00	14.00	15.50	16.50	19.50	2.65	3.15
32x3 1/2		18.75		20.10		30.35	2.90	3.30
31x4		22.00		23.10	29.40	35.00	3.70	4.20
32x4		26.00		27.00	32.40	38.60	3.95	4.50
33x4		27.30		28.45	33.45	39.70	4.05	4.75
34x4		28.25		29.40		40.80	4.30	4.90
32x4 1/2						49.90		5.80
33x4 1/2						51.95		6.05
34x4 1/2						52.50		6.30
33x5						61.95		7.00
34x5						64.05		7.25
35x5						65.65		7.50
36x6						100.00		14.00
38x7						143.00		20.00
40x8						184.00		25.00

\*Northern tires are not sold or adjusted on a mileage basis

A liberal discount will be given to dealers who carry an assorted stock. We do not recommend fabric tires in sizes larger than 34 x 4. Extra heavy tubes should always be used in cord casings. Fabric Tires should be inflated to 20 pounds and cord tires to 18 pounds to the inch, to conform to requirements of the guarantee. The guarantee does not extend to tires having the serial number mutilated or effaced and no adjustment will be made on such. Partridge tires are built for service and purchasers are assured of maximum value for money invested in this product.



## RELINERS

Fabric construction; shaped to fit properly; easily cemented to the interior of worn casings; prevents punctures or pinching and adds mileage to worn tires.

Size, inches	30 x 3 1/2	32 x 3 1/2	31 x 4	32 x 4	33 x 4	34 x 4
Each	\$ 3.50	4.50	4.50	4.50	4.50	4.50
Size, inches	32 x 4 1/2	33 x 4 1/2	34 x 4 1/2	35 x 5	36 x 5	37 x 5
Each	\$ 6.50	6.50	6.50	6.50	6.50	6.50

One in a box.



## Tire Repair Material



AIR-TITE AUTO PATCHES

A permanent repair for auto tires, rubber boots, hot water bottles, rubber coats, rubber hose, in fact anything in rubber.

The friction of the tire makes heat, which vulcanizes Air-Tite into the tube, making a permanent repair.

"The Hotter the Road the Tighter it Holds."

Positively Guaranteed Not to Loosen or Leak.

Junior size—20 sq. inches Per dozen \$4.00

Small size—32 sq. inches Per dozen \$6.00

Large size—72 sq. inches Per dozen \$9.00

One dozen in a box.



PEERLESS PATCHES

Fine quality para rubber; feather edges; assorted sizes; round and oblong; no cement required with this patch; to apply moisten with gasoline and press firmly to the tube after same has been thoroughly cleaned.

Peerless..... Per dozen \$6.30

One dozen in a box.



DUNLOP PATCHES

Best grade para rubber; feather edges; round; 2 inch in diameter; no cement; apply in the same way as Peerless shown opposite; put up one dozen in screw top tin boxes.

Dunlop..... Per dozen \$7.20

One dozen in a box.



REINFORCING PATCH

Three ply fabric; rubber coated; cement treated; to apply moisten with gasoline and press firmly in place inside of casing.

Size, inches	3	3½	4
Per dozen	\$3.50	3.50	4.00

One in a paper.



MOULDED PATCHES

High grade para rubber; thin edges; assorted sizes; round and oblong; these patches are not cement treated and are to be applied with patching cement according to directions.

Moulded..... Per dozen \$6.70

One dozen in a box.



RIM CUT

Three ply fabric and rubber; moulded to shape; held in place inside of casing by the side flaps as shown in cut.

Size	3½	4	4½
Each	\$ .60	.70	.80

One in a box.

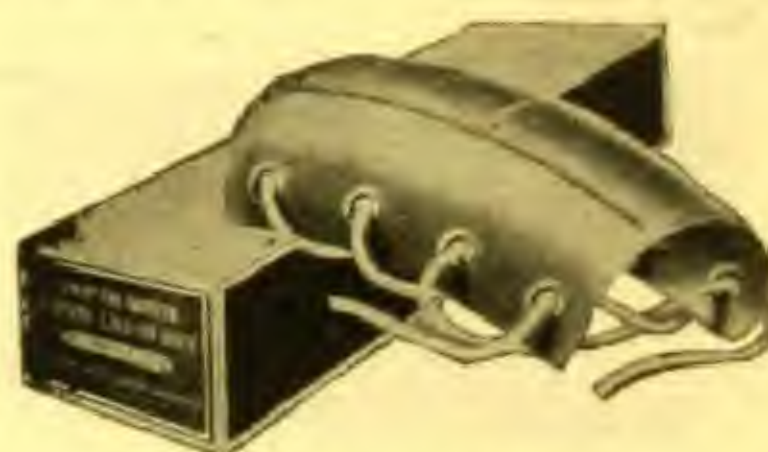


HOOKE-ON BOOT

No. 200—Three ply fabric; rubber coated; shaped to fit outside of clincher casings.

Sizes, inches	3½	4	4½
Each	\$1.70	1.90	2.00

One in a box.



LACE-ON BOOT

No. 100—Three ply fabric; rubber coated; moulded to shape; lace on type; supplied with laces.

Sizes, inches	3½	4	4½
Each	\$1.70	1.90	2.00

One in a box.



STRAP-ON BOOT

No. 30—Leather; double thread; reinforced with steel studs; heavy loops with straps for applying.

Size, inches	4	4½
Each	\$2.00	2.00

Open stock.



HOOKE-ON BOOT

No. 20—Leather; thread reinforced with steel studs; hook-on type for clincher casings.

Size, inches	3½	4	4½
Each	\$1.50	1.80	2.00

Open stock.



LACE-ON BOOT

No. 10—Leather; tread reinforced with steel studs; lace-on style; supplied with laces for applying.

Size, inches	3½	4	4½
Each	\$1.50	1.80	2.00

Open stock.



## Tire Repair Material



## TIRE CUT HEALER

A plastic rubber preparation for repairing cuts in tire casings; put up in tubes with a long nozzle for forcing deep into the cuts.

Size—1 x 6 inches	Per dozen	\$4.50
Size—2½ x 6 inches	Per dozen	\$12.00

One dozen in display box.



## TIRE TAPE

Black Fabric Tape; self sticking; three quarters of an inch wide used for tire repairs and also for electric insulating.

Size—1 oz. rolls	Per Pound	\$1.10
Size—2 oz. rolls	Per Pound	\$1.10
Size—8 oz. rolls	Per Pound	\$1.04

Open stock.



## SOAP STONE

Fine powdered; In airtight cans; dust freely into casings before inserting tubes.

Size—¼ lb tins	Per dozen	\$1.50
Size—1 lb tins	Per dozen	\$2.80

One dozen in a box.



## RUBBER CEMENT

A thoroughly reliable cement for patching inner tubes of bicycles, motorcycles, and automobiles.

Size—¼ inch tubes	Per dozen	\$1.00
Size—1 inch tubes	Per dozen	\$1.60
Size—2 ounces bottles	Per dozen	\$2.20
Size—No. 4 tins	Per dozen	\$3.20
Size—No. 8 tins	Per dozen	\$5.00

One dozen in a box.



## REPAIR GUM

Para rubber; specially prepared for use in Adamson Vulcanizers. Put up in sheets as below.

Size—Repair Kit rolls	Per dozen	\$3.70
Size—One-fourth pound rolls	Per dozen	\$8.00
Size—One-half pound rolls	Per dozen	\$18.00

Open stock.

## Vulcanizers



## 5-Minute

For Inner Tubes; a handy safe and speedy repair outfit for vulcanizing tube punctures; anyone can operate it without danger of overcuring. Outfit contains nickel plated clamps and twelve patch units. Weight each 1 lb.

5-Minute complete	Each	\$2.70
1½ inch Round Patch units	Per dozen	\$1.50
2½ x 1½ in. Oblong patch units	Per dozen	\$1.50



## MODEL "T"

For Inner Tubes up to and including 5 inch; Repair gum, scissors, and full directions, etc. supplied with each outfit, weight 4 lbs.

Model "T" complete	Each	\$3.40
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## MODEL "U"

For Casings and Inner Tubes; absolutely automatic; cannot injure tires if directions are followed; outfit includes repair gum, scissors, two cup plates etc. Weight 4 lbs.

Model "U" complete	Each	\$5.20
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## Tire Gauges

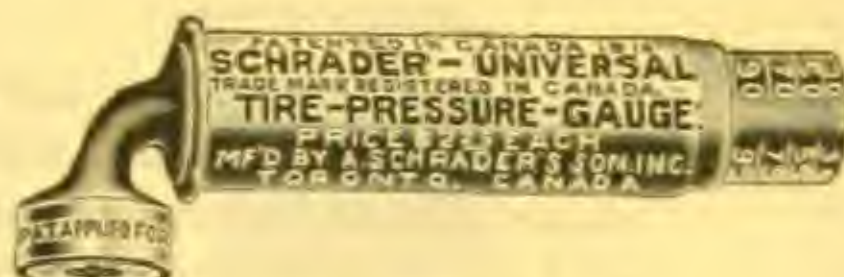


No. 1561

Tire Pressure Gauge, for ascertaining air pressure in tires. Place Gauge on top of Valve, depressing Valve Inside, causing air to escape into Gauge. Calibrated indicating tube emerges registering correct pressure in tire. Recommended by tire Manufacturers as most reliable Gauge on the market.

No. 1561. In leather case. Each \$2.16

One dozen in a box.



No. 2789

Angle Foot Gauge, for use in connection with Motor Trucks Tires of over 6 ins. in diameter. Most serviceable for Wire Wheels where space between hub and felloe does not permit the use of the upright Gauge. Indicating tube graduated to 170 lbs. and operates on same principle as regular 1561 Gauge.

No. 2789-In leather case. Each \$2.90

One dozen in a box.



"APEX"

An accurate Air Gauge, with hose for connecting to any style of pump listed herein. Fitted with standard screw connections which attach to pump hose and tire valve and indicating accurately on the dial the air pressure within the tire.

"Apex" Air Gauge. Each \$1.50

One in a box.

## Valves and Parts

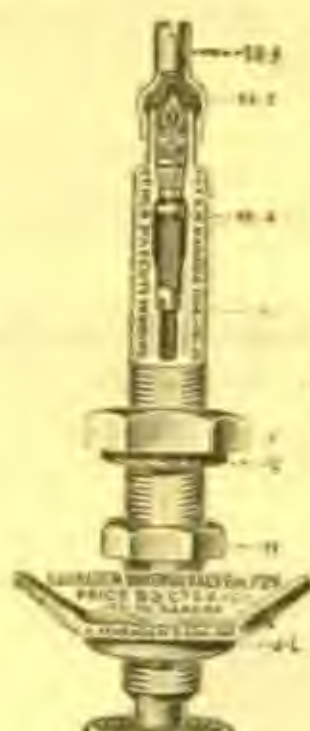


No. 777

Motor Tire Valve measures 3 inches long from base to end of male. Standard size for 3 1/2-inch tires and under.

No. 777. Each \$ .55

Open stock.



No. 725

Motor Tire Valve measures 3 1/4 ins. long from base to end of male. Standard size for 3 1/2-inch tires and over.

No. 725. Each \$ .60

Open stock.



No. 2069

Dust Cap—Standard cap for Motor Tire Valves. A necessary fitting to preserve the Valve from destruction. Measures 2 inches long.

No. 2069. Per dozen \$1.00

Open stock.



No. 2689

Adjustable Dust Cap—Fitted with collapsible sleeve which permits complete covering for 4-inch of Valve Stem. An absolute necessity to protect Valve from destruction when ordinary Dust Cap is too short to effect complete Valve covering.

No. 2689. Per dozen \$4.80

Open stock.

### SCHRADER UNIVERSAL VALVE REPAIR TOOL



No. 3037

Valve Repair Tool. A most convenient tool of the finest steel, for repairing Valve injuries. Has five distinct features:—

- First — Re-threading Valve cap thread
- Second — Refinishing the top of Valve Stem
- Third — Re-threading the inner thread of Valve
- Fourth — Removing the Valve inside from Valve
- Fifth — Deflator for releasing air from tire.

Arranged for Dealer on neat display card in lots of one dozen.

No. 3037—On display card. per doz \$5.80



SCHRADER UNIVERSAL VALVE CAP No. 886

Valve Cap. Standard Cap for all Motor Tire Valves. Can be used on any size Motor Valve.

No. 886. Per dozen \$1.00



No. 1801

Valve Insides. Used on all types of pneumatic tire valves. Universally approved by the Trade and motoring public. Packed five in a neat dust-proof tin box as illustrated.

No. 1801. Per dozen boxes \$5.75

## Battery Hydrometers



Battery Hydrometer is a gauge for determining the state of the charge in the storage battery; by its use the exact strength of the battery is known and the inconvenience caused by exhausted batteries is overcome. To make a test the liquid is drawn into the hydrometer; the inner float will indicate the strength according to the following table.

1250 indicates 100% fully charged  
1225 indicates 80%

1200 indicates 60%  
1175 indicates 40%

1150 indicates 20%  
1125 indicates exhausted

Be sure that the float moves freely in the solution when reading.

The Breaknot is of the latest approved type; rubber mountings are of special acid proof rubber composition; breakage reduced to a minimum; packed in strong mailing tube.

Each \$2.00

Extra floats for Breaknot Hydrometers. Each \$ .70





## Tire Chains

Dreadnought Tire Chains; fully guaranteed; prevent skidding on slippery pavement produce traction in sand, mud or snow; electric welded and hardened cross chains; copper plated; galvanized rust proof side chains; special lever chain connection used on these chains; quickly applied or taken off; cross chains are free and do not wear the tire; cross chains can be easily renewed and are easily attached by closing the hooks with a hammer or a pair of pliers; packed one pair in a strong box; sets contain one pair.

Size, inches	30x3½	32x3½	31x4	32x4	33x4	34x4	34x4½	35x4½	35x5	37x5
Weight per set lbs.	11½	12½	14	14½	15	15½	16	18½	19	22

Manufacturers List Prices. Per set \$6.00 6.60 7.25 7.50 7.75 8.50 9.25 9.75 10.75 11.75

### IMPERIAL TIRE CHAINS

The same design as Dreadnought listed above; cross chains are not copper plated and the side chains are not rust proof; size 30 x 3½ inches; weight per set 10 lbs.

Per set \$3.75

One set in a bag.

### SUPER DREADNAUGHT TRUCK CHAINS

A heavy serviceable chain for truck use; the same style as illustrated above; for 32 x 4½ pneumatic tires; weight per set 22 lbs.

Per set \$13.50

One set in a bag.

Extra cross chains for Super-Dreadnought truck chains 4½ inch.

Per hundred \$23.00

### DREADNAUGHT TRUCK CHAINS

For solid truck tires; straight link; extra heavy; size 32 x 3½; weight per set 32 lbs.

Per set \$11.00

One set in a bag.

Extra cross chains for Dreadnought truck chains 3½ inch.

Per hundred \$40.00

### DREADNAUGHT CROSS CHAINS

Copper plated; electric welded; hardened; for replacing on Dreadnought or Imperial regular tire chains.

Size, inches 3½ 4 4½ 5  
Weight per 100 lbs. 20 23 25 28

Per hundred \$11.00 12.00 13.00 15.00

One hundred in a bag.



Chain adjusters; draws the chain evenly to the tires with just enough tension to allow them to creep sufficiently; galvanized throughout.

Size, numbers	1	2
For chains, inches	30 to 32	33 to 36
Per set	\$1.50	1.70

### LOCKING CHAINS



No. 735

Electric Welded Padlock Chain, for locking spare tires. Thirty-six inches long, covered with black drill to prevent wear and rattle. Sold without locks; as any padlock can be used with it.

No. 735 Per dozen \$8.50

Open stock.

### AUTO LOCK



"HART"

For Ford or Chevrolet autos; locks the gas and spark levers as shown in cut and prevents operating; prevents theft; can be used with any ordinary padlock; no lock supplied unless ordered.

Hart Auto Lock Per dozen \$12.00

One in a box.

## Tire Tools



### MATCHLESS

A perfect Handle Tire Tool or Pry Bar. Made of high grade steel, accurately tempered. ¾-inch tapering to ¼-inch in width and ¾-inch tapered to ½-inch in thickness. Rounded and curved point. The best of its kind to be had.

Matchless 13½ inches long Per dozen \$18.00

Packed ½ dozen in a box.



### No. 12

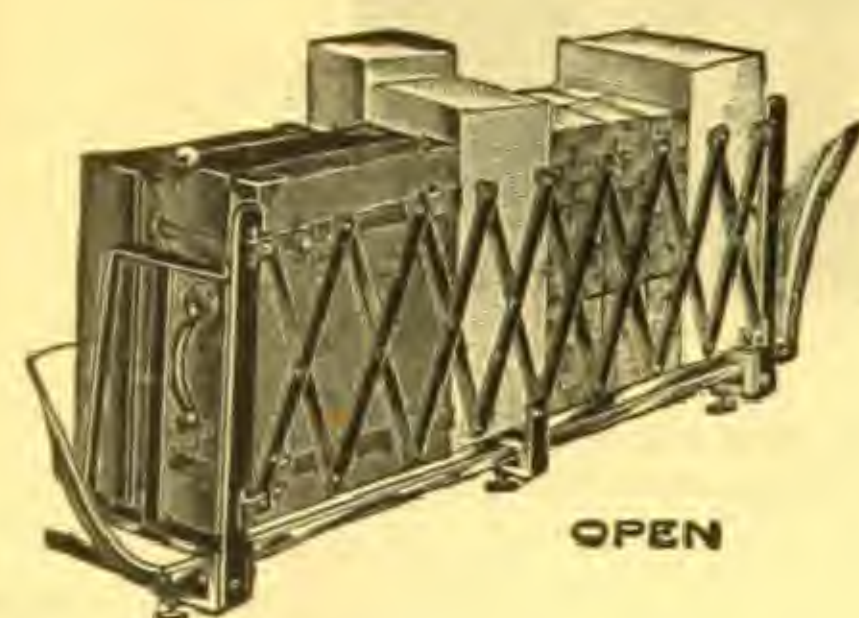
All Steel Tire Tool, tapered and curved ends. Japanese finish. Made in three sizes as follows:

No. 10—9 inches long	Per dozen	\$3.80
No. 11—12 inches long	Per dozen	\$6.00
No. 12—15 inches long	Per dozen	\$7.50

Packed one dozen in a box.



## Luggage Carrier



No. 54

All steel; extends to 54 inches when attached; folds up to 8 inches when not in use; extreme height 18 inches; the ends are square to prevent parcels sliding out; three heavy clamps hold it rigidly to the running board; black enameled finish; weight 10 lbs.

No. 54 ..... Each ..... \$1.00

Open stock

## Folding Chair



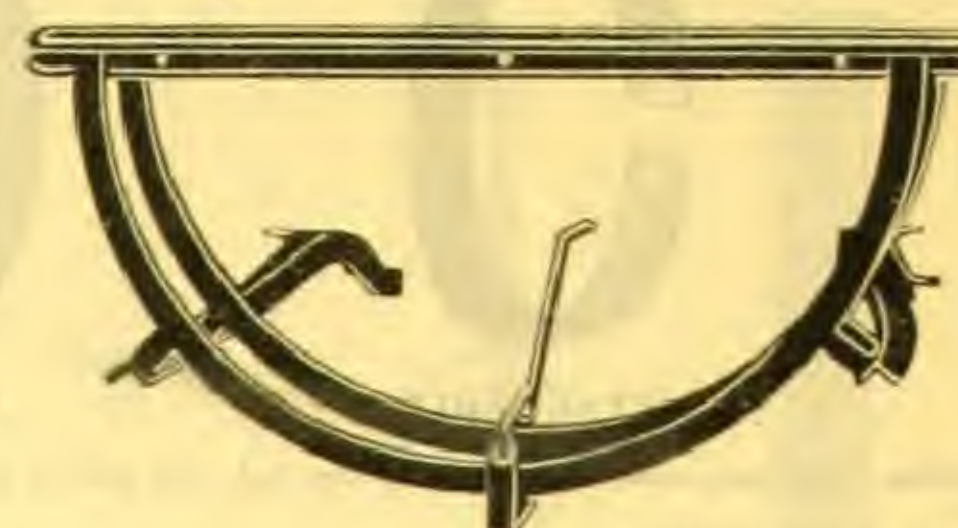
No. 106

Steel frame; made from  $\frac{3}{16}$  inch steel bar; back and seat of black imitation leather; folds up small when desired; weight each  $7\frac{3}{4}$  lbs.

No. 106 ..... Each ..... \$1.00

Open stock

## Tire Carrier



No. 180

The Basket Type Tire Carrier is strongly made from steel electrically welded; is neat in appearance; light in weight and very rigid.

Easily attached to rear or running board of Ford cars or trucks, and provision made for locking with padlock. Weight each  $13\frac{3}{4}$  lbs.

No. 180—For one Tire ..... Each ..... \$4.00

## Tire Saver



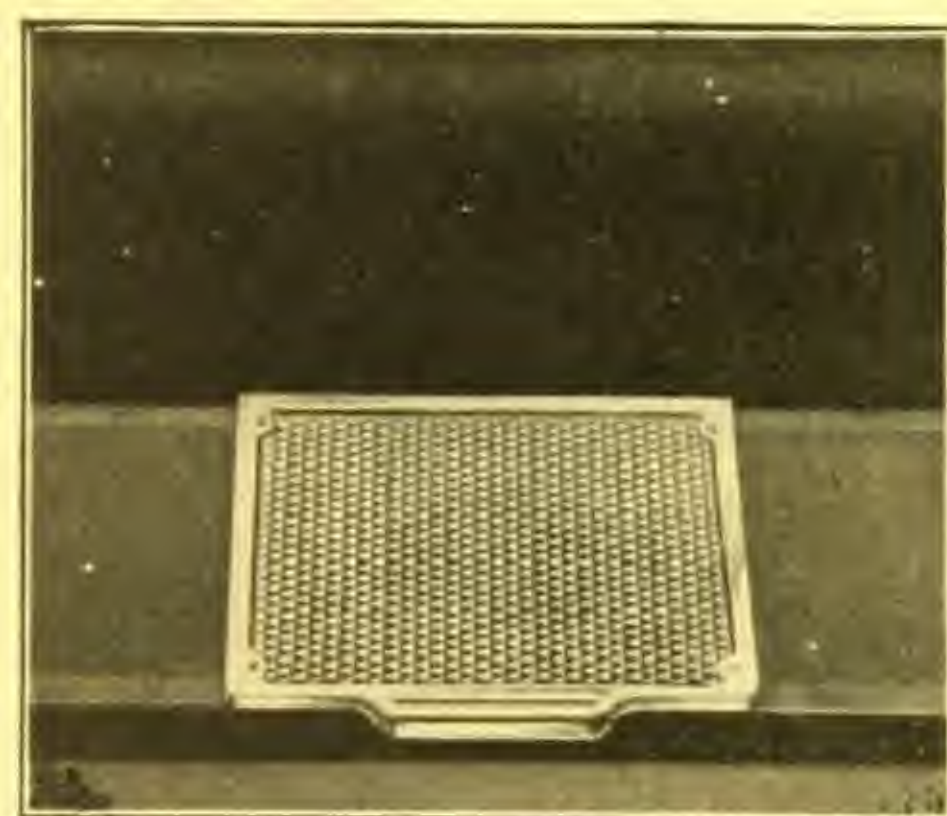
No. 501

All steel; quick operating; adjustable in height to handle a 36 inch wheel; japanned finish; weight per set of four 26 lbs.

No. 501 ..... Per set ..... \$10.00

One set in a crate.

## Running Board Plates



No. 1582—Cast aluminum; highly polished border; check end centre; with scraper attachment; four nickel plated screws packed with each plate; size  $8\frac{1}{2}$  x 12 inches.

Each ..... \$3.50

One pair in a carton.



No. 1579R—Cast aluminum; highly polished border; corrugated rubber mat in centre; with scraper attachment and inner guard; four nickel plated screws packed with each plate; size  $8\frac{1}{2}$  x 12 inches.

Each ..... \$3.90

## Running Board Mats



RUBBER

Moulded rubber; ribbed pattern; neat appearance; durable; size  $11\frac{1}{2}$  x  $7\frac{3}{4}$  inches; weight per pair 3 lbs.

Per pair ..... \$2.20

One pair in a box.



WIRE

Woven wire; galvanized; heavy frame; the springs hold tightly in place on the running board; weight per pair  $4\frac{1}{2}$  lbs.

Per pair ..... \$4.00

Open stock

## Ford Mats



RUBBER

Fabric and rubber construction; studded centre; ribbed edge; shaped and cut to fit Ford Cars; specify whether right or left hand drive; weight each  $4\frac{1}{2}$  lbs.

Each ..... \$2.00

Open stock



## FAN BELTS



DETACHABLE

ENDLESS

Leather; oak tan; select stock; oil treated; one piece; not affected by water.

1917 Ford Endless	Per dozen	\$7.00
1921 Ford Endless	Per dozen	\$7.00
1917 Ford Detachable	Per dozen	\$8.00
1921 Ford Detachable	Per dozen	\$8.00

Six in a package.

## RADIATOR HOSE



Vulco; three ply fabric; rubber coated; rubber lined; heat resisting; very serviceable.

## THREE FOOT LENGTHS

Size, inches	1	1 1/4	1 1/2	1 3/4	2	2 1/4	2 1/2
Per foot	.44	.52	.62	.68	.78	.90	1.00

Six lengths in a carton.

For hose clamps see general hardware section.

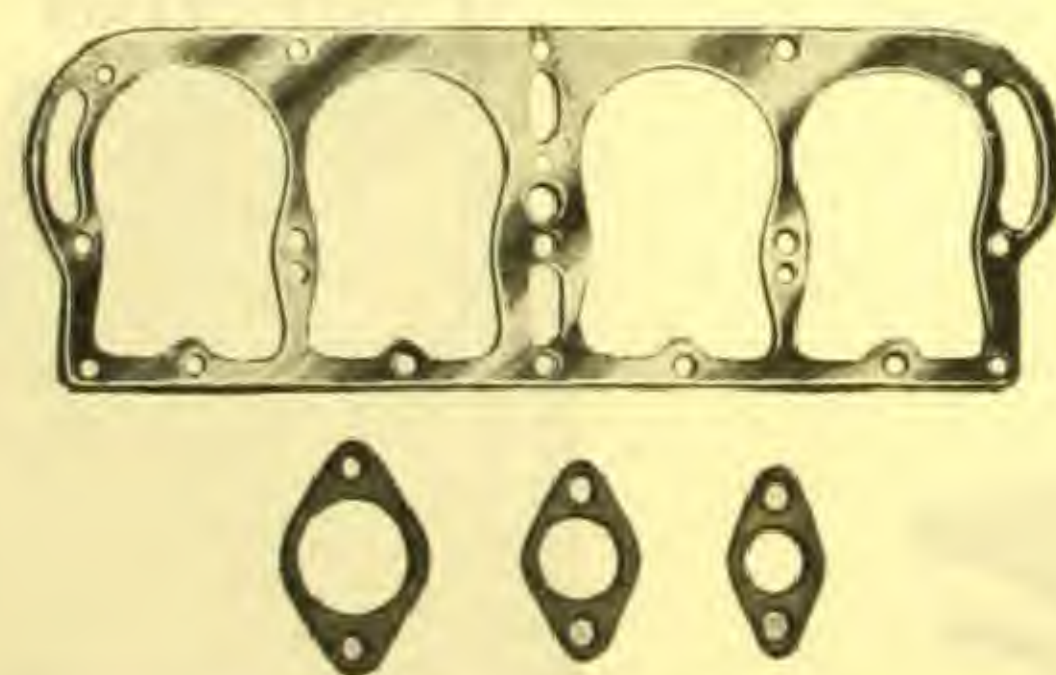
## PUMP TUBING



Air tubing for hand pumps; 3 ply fabric; and rubber reinforced to prevent kinking or leaking; sold only in 25 foot coils;

3/8 inch, per coil of 25 feet	\$4.00
1/2 inch, per coil of 25 feet	\$5.00

## GASKETS



Copper plates asbestos lined; for cylinder heads, water and carburetor connections on Ford cars. New gaskets should be used each time the engine is overhauled, they are inexpensive and the job will be much more satisfactory.

No. 1—Cylinder Head Gasket	Each	\$ .80
No. 2—Water Outlet Gasket	Each	\$ .06
No. 3—Water Inlet Gasket	Each	\$ .08
No. 4—Carburetor flange Gasket	Each	\$ .06

Open stock

NOTE—Gaskets for other cars can be supplied promptly.

## CURTAIN LIGHTS



Glass lights for rear curtain of Ford cars, easily fastened in place by machine screws with a frame on each side of curtain; sets contain 3 glass and six frames; for all late models.

Per set

\$3.00

One set in a box.

## CELLULOID



Clear transparent sheets for curtain lights; size of sheets 20 x 36 inches; polished both sides; medium weight.

Per sheet \$2.00

Open stock.

## TOP RECOVERS



FORD; one man style for all late models; made from 32 oz. top fabric with new style gipsy rear curtain; oval plate glass rear windows 5 x 7 inches mounted in nickel plated frames; a stylish, durable, neat fitting outfit; tacks, binding, etc., for installing furnished with each cover.

Roadster. Each	\$25.00
Touring. Each	\$32.00

FORD; Standard cover for all models; with regular rear curtain; three celluloid rear windows; made from 32 oz. fabric; guaranteed to fit; first quality goods and extra well made; tacks, gimp, etc., for applying supplied with each cover.

Roadster. Each	\$17.50
Touring. Each	\$22.00



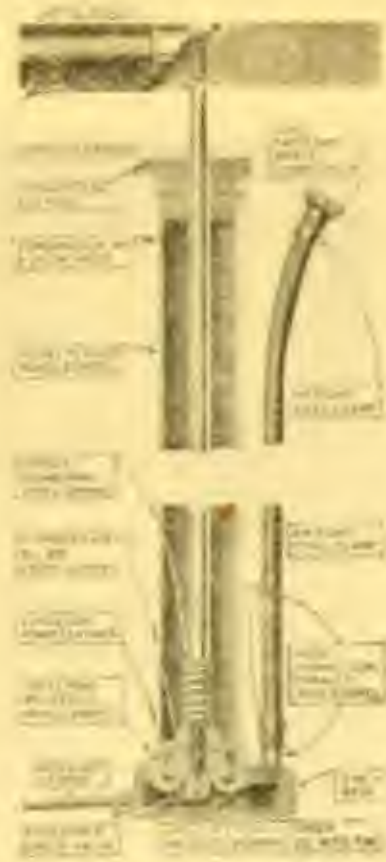
CHEVROLET New style for model 490 touring cars; 36 oz. waterproof motor fabric the same as used in the very best tops; plate glass rear light 5 x 7 inches; perfect fitting; well made and easily put on; all tape, tacks, etc., are supplied;

Touring. Each	\$40.00
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NOTE—Top recovers will be delivered direct from the factory promptly on receipt of order. Do not fail to state year and model of car when ordering.

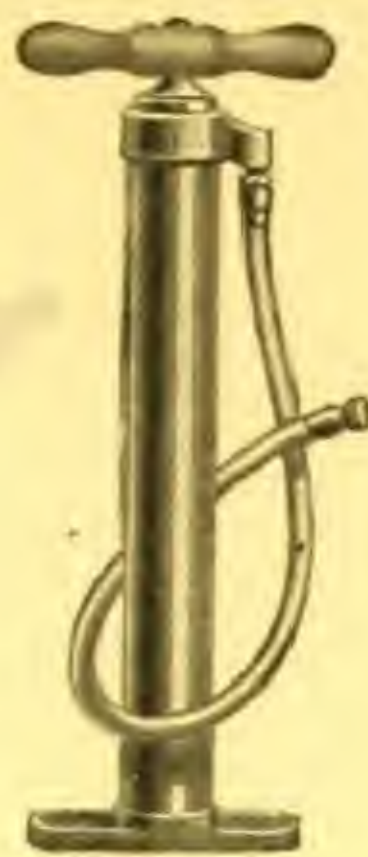


## Automobile Pumps



COLEMAN

Single action; brass barrel; nickel plated; ball valve prevents kick back and delivers "more air with less strokes" than most other pumps; length 22 inches; diameter 1½ inches; weight 3 lbs. Each \$6.50



No. 20

Double action; seamless steel barrel; size of the outer barrel 16 x 1½ inches; length of tube connection 22 inches; height over all 19 inches; capable of 200 lbs pressure; black enamelled finish; weight each 3 ¼ lbs.

Each

\$4.00



No. 10

Single action; seamless steel barrel; size of barrel 17 x 1¼ inches; length of tube connection 22 ins. height over all 19½ inches; black enamel finish; weight each 2¼ lbs.

Each

\$2.50



LIBERTY

Single action; seamless steel barrel; 21 x 1¼ inches; folding base; brass valves; length of tube connection 20 inches; quick acting connection; very powerful; each pump in black drill container; weight each 3 lbs.

Each

\$4.00

### COMBINATION MEASURES



No. 05

Copper plated; soldered; for oil or gasoline.

Number	05	010	020	040
Capacity, Qts	½	1	2	4
Weight per dozen, lbs	5	6	12	17

Per dozen \$16.00 22.00 27.50 34.00

Open stock.

### GASOLINE FUNNELS



No. 40

Copper plated; fine brass strainer inside; loose hoop for holding chassis; diameter at top 9 inches; diameter at outlet ½ inch; height 11 inches; weight each 1½ lbs.

Each

\$2.00

Open stock.

### OIL AND GREASE GUNS



No. 1210

Brass body; screw or push feed; size of cylinder 5½ x 1¼ inches; capacity 10 ounces; two nozzles as shown in cut; for all grades of oil and grease; polished brass finish; weight each 1¼ lbs.

Each \$3.20

One in a box.

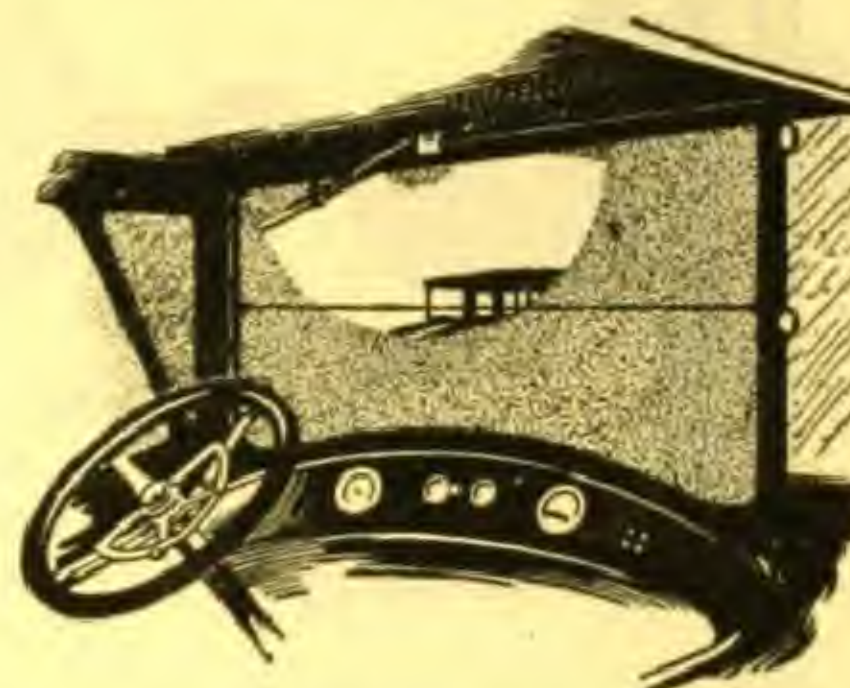


No. 1519

All steel; seamless tube; size of cylinder 10 x 1½ inches; two nozzles; cork plunger; brass plated finish; weight each 1¼ lbs.

Each \$1.50

### WINDSHIELD CLEANERS



PERFECTION

Perfection Windshield Cleaner; clamps to frame of the windshield; by a sweeping circular motion, cleans a vision space for the driver in stormy weather; an insurance against accident; black enamelled finish; weight each 1 lb.

Perfection, Regular style

Each \$4.00

One in a box.



EVEREADY

Eveready automatic windshield cleaner attaches to the frame of touring or closed model cars, and connects with the vacuum system; operates, fast or slow, as desired while the engine is in motion; easily attached and durable in construction; nickel plated and highly polished; weight complete 2¼ lbs.

Each

\$12.00

One in a carton.



## Automobile Jacks



No. 31

Malleable iron frame; ratchet type; quick acting; ample leverage; nicely finished; height 10 inches; raises 6 inches; weight 6½ lbs; capacity 3000 lbs.

Each ..... \$4.50



No. 145

Malleable iron; worm gear type; enclosed gears; fewer parts; quick release; ease of operation; etc make this a very desirable jack; minimum height 9½ inches; maximum height 18 inches; length of handle folded 18 inches; length of handle extended 36 inches; capacity 2 tons; enamelled finish; weight each 10½ lbs.

Each ..... \$10.00



No. 43

Steel frame; ratchet style; quick acting; reliable; height 10 inches; raises 6 inches; capacity 1500 lbs; weight 3 lbs.

Each ..... \$2.50



No. 0

Malleable iron; screw pattern; for light cars; ratchet handle; rotary top; double speed thread; height 10½ inches; raises to 16 inches; japanned finish; weight each 4 lbs.

Each ..... \$2.00



No. 012

Malleable iron; screw type; for trucks; ratchet handle; large base; diameter of screw post 1½ inches; cored thread; rotary top; height 10 inches; raises to 15 inches; capacity 2 tons; japanned finish; weight each 10 lbs.

Each ..... \$6.00

## Tow Line



Cast steel wire strand; with manilla centre cord; manilla strings for attaching; forged hooks; diameter of wire rope ½ inch; length 25 feet; breaking strain 1 ton; weight each 4½ lbs.

Each ..... \$8.00



No. 2296

Heavy sheet steel; rounded corners; close fitting hinged cover; double seamed bottom; two keyed lock with spring loop; size 22 x 9 x 6½ inches; baked black enamel finish; weight each lbs.

Each ..... \$6.00

One in a carton.

## Tool Boxes



No. 179

Size 16½ x 9½ x 10½ inches; otherwise the same as No. 2296.

Each ..... \$8.00

One in a carton.



# AUTO GOGGLES



ASSORTMENT No. 1

Zyloshell goggles; one dozen goggles of assorted sizes, shapes, and colors, on neat counter display card; size of display 20 x 14 inches; weight each lbs.

No. 1—Assortment..... Each. \$13.00



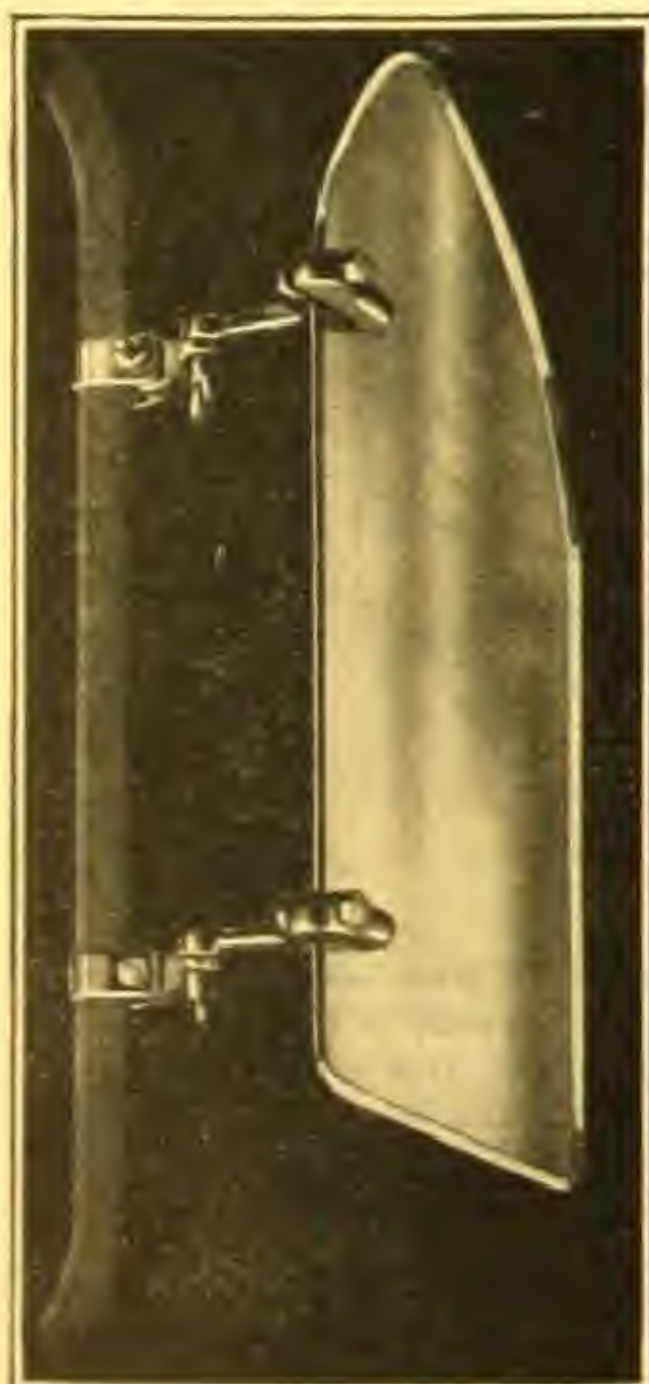
No. 1158

Eye protector; rustproof; nicked frame; folding gauge side shields; cable temples; diameter of lenses 2 inch; comfortable to wear; easy to carry.

No. 1158—Clear lenses..... Per dozen \$11.00

No. 1159—Amber lenses..... Per dozen \$11.00

One pair in a box.



## SIDE WINGS

**Eureka**; Select plate glass with bevelled edges; bronze fittings, nickel plated; there are no holes in the glass, it is held rigidly in place by a clamp and can not slip; they are easily applied are very neat in appearance, and of durable construction; they do not interfere with the vision and add greatly to the comfort of the passengers giving protection in winter and cool breezes in summer; fits all modern touring cars.

Per set..... \$22.50

One set in a box.

# AUTO MIRRORS



PIONEER

Pioneer Auto Mirror for interior use; gives clear rear view through rear curtain light; when clamped to windshield and properly adjusted; level edge plate glass; steel clamp; assortment contains four mirrors 2½ x 7 inches and two 2½ x 10 inches on attractive display panel 18 x 22 inches; weight per assortment 6 ½ lbs.

Pioneer—Assortment of mirrors.....

Each \$22.00

Pioneer—Mirrors 2½ x 7 inches.....

Each \$3.50

Pioneer—Mirrors 2½ x 10 inches.....

Each \$4.00

One in a box.



FRONT VIEW



REAR VIEW

No. 2—Steel frame; brackets fit any windshield, adjustable to any position; diameter of glass 4½ inches, black enamelled finish; weight each 1 lb.

Each..... \$3.00

No. 20—Bevel plate glass, nickel plated band; otherwise the same as No. 2.

Each..... \$4.00

No. 21—Steel frame; long shank for truck use; diameter of glass 4½ inches; black enamelled finish; weight each 1½ lb.

Each..... \$3.00

Two in a box.

## WINDSHIELD RUBBER



Moulded rubber strip for sealing up the space between the windshield glass and preventing rain dripping through; length of strip 36 inch; weight each 5 ozs.

Each..... \$1.00

One in a box.



## Auto Lamps



No. 280

**Trouble Lamp;** Stamped brass; heavily nickel plated; equipped with 10 feet of lamp cord; locking bayonet plug; 6 volt, 4 candles power bulb; put up in a screw top container which can be carried in the tool box without fear of damage.

No. 280—Double contact	Each	\$3.00
No. 285—Single contact	Each	\$3.00



No. 56

**Slow Stop Parking Signal;** a dependable signal indicating slow in green when slight pressure is applied and stop in red when brake is under stop pressure; in the centre is a ruby lens for parking purposes; black enamelled base and body with nickel band; complete equipment and installation instructions furnished.

Each	One in a box	\$10.00
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No. 706

**Electric tail lamp;** diameter of ruby lens 3 inches; white side light for illuminating license number; diameter of front 3 1/2 inches; depth 2 1/2 inches; black enamelled finish; weight each 1 lb.

No. 706 x 1 Single Bulb	Each	\$1.50
No. 706 x 2 Double Bulb	Each	\$3.00

One in a box.

## SPOTLIGHT



**Heavy steel body;** steel bracket; can be focused in any direction; push switch; silver plated solid brass reflector; equipped with side mirror and waterproof cord for attaching; diameter of lamp front 6 1/2 inches; diameter of mirror 3 1/2 inches; height over all 8 1/2 inches; depth 8 inches; weight each 3 1/2 lbs.

No. 200N—Full Nickel Plated	Each	\$12.00
No. 100N—Black enamel finish with nickel band	Each	\$8.00

One in a carton.

## HEADLIGHT

**Designed for Ford Cars;** heavy steel body; silver plated parabolic reflections adjustable focusing device on outside of lamp; dust and waterproof; Edison connectors and sockets; supplied with or without dimmer light as below; diameter of front 9 inches; depth 5 1/2 inches; black enamelled finish; weight per pair 9 lbs.

No. 520—Without dimmer lights	Per pair	\$11.00
No. 520B—With dimmer lights	Per pair	\$14.00

One pair in a carton.



No. 520

## RADIATOR AND HOOD COVERS



**Enamel drill cover;** heavy duplex lining; diamond quilting; front door is equipped with lift; the door fasteners and adjustable to be used open, half-open or closed; neat fitting; durable material conserves the heat; does not injure the finish.

No. 1000—For all models of Ford cars	Each	\$10.00
No. 1500—For model 190 Chevrolet cars	Each	\$12.00

**Note—**We can supply promptly for all other makers of automobiles at moderate prices.

## SHALER LENS



**Clear glass;** diagonal prismatic construction; they stop the glare and at the same time give better driving light than plain glass because the light is held down and there is no back glare to interfere with the drivers vision; it is a roadlighter as well as a non glare lens; meets the requirements of the law; chart of sizes sent on request.

Size inches	8 1/2 and smaller	8 1/2 and larger
Per pair	\$4.00	\$5.00

Ten pair in a carton.



## Motometers

A scientific and reliable heat gauge for automobiles and trucks which registers accurately the temperature of the cooling system and is a warning against overheating and its resultant effects. The red fluid spirit is easily read from the drivers seat; they are ornamental as well as serviceable.



DE LUXE

Full nickel plated; bevel glass protectors; supplied with lock; length 5 inches; weight each 1 1/4 lb; for car owners who want the best.

Mfr's List..... Each \$15.00



STANDARD

Black enamelled; heavy bevel glass; height 5 inches; weight each 1 1/4 lb. For high priced cars.

Mfr's List..... Each \$10.00

Lock extra..... Each \$ 2.70

DISCOUNT



UNIVERSAL

Nickel plated rim; heavy bevelled glass; height 5 inches; weight each 1 1/4 lb. For medium priced cars.

Mfr's List..... Each \$7.50

Lock extra..... Each \$2.70



FORD

Nickel plated rim; enamelled plates; supplied with radiator cap; height 3 1/4 inches; weight each 5 ounces. For Ford cars.

Mfr's List..... Each \$3.50

Lock extra..... Each \$2.70

## AUTOMOBILE RADIATORS

McKinnon Radiators for Ford and Chevrolet Cars, as shown herewith are of the cellular type and are conceded to be the most satisfactory in use at the present time. The method of manufacture is such that very thin metal can be used, producing maximum cooling efficiency, and at the same time giving the rigidity of construction so necessary to withstand the continual vibration when in actual use. The cells are lined both inside and out to prevent the corrosive action of alkali or acidulated water. The water circulates freely in this type of radiator, carrying with it any sediment which may accumulate, so that it can be easily cleaned by draining off the water. In case of damage to a section of cells a repair man can obtain a new section from the factory and insert with very little expense, thereby renewing the radiator to its original efficiency and appearance.



FORD

Radiator complete, with shell, for Ford cars, weight 41 lbs.

Radiator, tank assembly only, for Ford Cars, weight 37 lbs.

Radiator, tank assembly only, for Chevrolet cars, weight 42 lbs.



CHEVROLET

Each \$34.00

Each \$31.00

Each \$52.00

NOTE—We do not sell Chevrolet radiator shells.

## RADIATOR CAPS



Wing pattern radiator cap, cast brass, nickel plated, drilled for motometer and plugged with neat screw and washer;

No. 10—For McLaughlin Buick, Nash, and Oakland cars, length 8 ins. Each \$ 3.00

No. 11—For Cadillac, Gray-Dort, Essex, Grant, Hudson, Jackson and Baby

Grand, length 8 ins. Each \$ 3.00

No. 13—For Cleveland, Hop, Maxwell, Regal and Studebaker, length 8 ins.

Each \$ 3.00

No. 15—For Chevrolet model 490. Each \$ 2.00

No. 16—For Ford cars. Each \$ .90



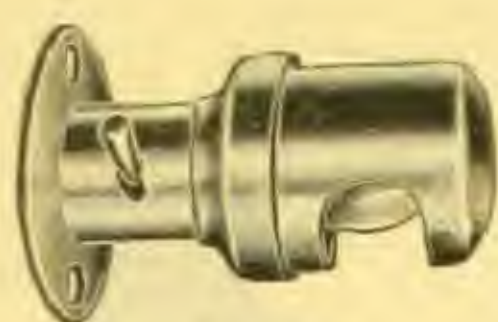
Keystone; keyless radiator cap; cast brass; polished nickel finish; locks securely the motometer and prevents theft; supplied with initial plate and motometer if so ordered; length 9 inches; specify make of car when ordering.

Each (without motometer) \$10.00

One in a box



## Dash Lamps



No. 400

Full nickel plated Dash Lamp of the switch type.  
Supplied with 6-8 volt bulb.

No. 400.....Each \$1.80



No. 320

Nickel Plated Lamp for Metal Dash, complete,  
with 6-8 volt bulb.

No. 320—Single Contact.....Each \$1.40

No. 420—Double Contact.....Each \$1.40

One in a box.



No. 430

Combination type Dash Lamp, with switch, nickel  
plated finish. Lamp may be removed and socket  
used for spotlight or trouble lamp. Complete  
with 6-8 volt bulb.

No. 430.....Each \$2.50

## AUTOMOBILE TUNGSTEN LAMP



G-6

Double  
ContactSingle  
Contact

S-11

The filaments of all the Mazda lamps here listed are made of tungsten the most suitable material for the purpose at present available. Order by number from the list below.

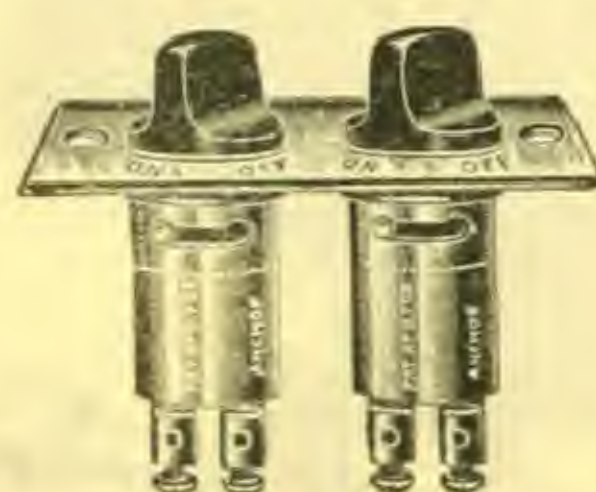
Number	Style	Volts	Candle Power	Size	Diameter, inches	Unit Package	Mfr's List Each
61	S.C.	3-4	2	G6	3/4	10	\$ .30
62	D.C.	3-4	2	G6	3/4	10	\$ .30
63	S.C.	6-8	2	G6	3/4	10	\$ .30
64	D.C.	6-8	2	G6	3/4	10	\$ .30
67	S.C.	12-16	2	G6	3/4	10	\$ .40
68	D.C.	12-16	2	G6	3/4	10	\$ .40
81	S.C.	6-8	4	G8	1	10	\$ .40
82	D.C.	6-8	4	G8	1	10	\$ .40
89	S.C.	12-16	4	G8	1	10	\$ .50
90	D.C.	12-16	4	G8	1	10	\$ .50
1125	S.C.	6-8	15	S11	1 1/2	10	\$ .55
1126	D.C.	6-8	15	S11	1 1/2	10	\$ .55
1129	S.C.	6-8	21	S11	1 1/2	10	\$ .55
1130	D.C.	6-8	21	S11	1 1/2	10	\$ .55
1136	S.C.	9	18	G12	1 1/2	10	\$ .45
1138	D.C.	9	27	G12	1 1/2	10	\$ .45
1139	S.C.	12-16	15	S11	1 1/2	10	\$ .65
1140	D.C.	12-16	15	S11	1 1/2	10	\$ .65
1141	S.C.	12-16	21	S11	1 1/2	10	\$ .65
1142	D.C.	12-16	21	S11	1 1/2	10	\$ .65

DISCOUNT ..... Note—To obtain maximum discount bulbs must be ordered in full unit packages as above indicated.

## SWITCHES



No. 291



No. 292

Turn Button Dash Switches, with black rubber turns  
and nickel plated mountings.

No. 291—Single gang.....Each \$ .80

No. 292—Double gang.....Each \$1.60

One in a box.

## TIMER



MOSCO Timer for Ford cars and trucks; steel case;  
fibre raceway; insulated terminals; dust proof  
self closing oil hole; does not short circuit; brush  
has hardened steel roller and cast white metal  
rotor; for left hand drive cars; weight each 9  
ounces.

Each.....\$2.00

Extra Brushes.....\$ .70

## HEATER



For Ford cars; easily fitted over manifold and con-  
ducts a current of warm air through the register  
face which is connected through the foot board;  
register can be closed when desired; a desirable  
article for cold weather driving of Ford Coupe,  
Sedan or Touring.

Each.....\$3.00

Six in a carton.



# Electric Connections



CAPPED PLUG

No. 110—S. C. . . . . Each \$ .24  
No. 210—D. C. . . . . Each \$ .24



PLUG CONVERTING  
SINGLE TO DOUBLE

No. 115 . . . . . Each \$ .34



PLUNGER TYPE  
TAIL LIGHT PLUG

No. 125—S. C. . . . . Each \$ .36  
No. 225—D. C. . . . . Each \$ .36



ELBOW PLUG

No. 230—D. C. . . . . Each \$ .60



DOUBLE END SOCKET

No. 135—S. C. . . . . Each \$ .40  
No. 235—D. C. . . . . Each \$ .40



SWITCH TYPE SOCKET

No. 240—D. C. . . . . Each \$ .40



FORD FOCUSING  
SOCKET

No. 245—S. C. . . . . Each \$ .50



SOCKET WITH  
RUBBER TERMINAL  
CAP

No. 160—S. C. . . . . Each \$ .48  
No. 260—D. C. . . . . Each \$ .48



SIDE LEAD SOCKET

No. 150—S. C. . . . . Each \$ .36  
No. 250—D. C. . . . . Each \$ .36



END LEAD SOCKET

No. 155—S. C. . . . . Each \$ .36  
No. 255—D. C. . . . . Each \$ .36



DASH SOCKET

No. 170—S. C. . . . . Each \$ .60



SWITCH TYPE  
SOCKET

No. 275—D. C. . . . . Each \$ .60



CONVERTER  
SOCKET

No. 265—D. C. . . . . Each \$ .60



TAIL LIGHT SOCKET

No. 280 . . . . . Each \$ .40

## CONNECTION CABINET



Size 9 x 12 x 12 inches; nine drawers each containing two sections; a convenient case for the merchants use supplied with the following assortment.

## CONTENTS OF CABINET

10. . . . .	210	3. . . . .	135	3. . . . .	260
3. . . . .	110	3. . . . .	240	3. . . . .	160
3. . . . .	115	3. . . . .	245	3. . . . .	265
5. . . . .	225	3. . . . .	250	3. . . . .	170
3. . . . .	125	3. . . . .	150	3. . . . .	275
3. . . . .	230	5. . . . .	255	3. . . . .	280
3. . . . .	235	3. . . . .	155	3. . . . .	291
				1. . . . .	292

Cabinet complete with contents . . . . . \$40.00



## Ignition Batteries



DRY CELL

The Columbia Ignitor Dry Cell is designed especially for ignition and other heavy-duty work, for which it has no equal; stands up excellently under heavy current strain.

Numbers	6
Size, inches	2 1/2 x 6
Factory test, amperes	26
Number in barrel	125
Weight per barrel, lbs.	300
Broken Quantities	Each \$ .94
Lots of 50	Per 100 \$89.90
Barrel Lots of 125	Per 100 \$81.90

Open stock.

## AMMETERS



No. 1002

Brass case; nickel finish, accurate and durable; two inches in diameter; in testing batteries care must be taken to get the reading instantly the contact is made and not by holding the instrument on the cell as this lowers the amperage.

No. 1002—Amperes only	Each	\$1.80
No. 1003—Amperes and voltage	Each	\$2.60

One in a box.

## FLASHLIGHT LAMPS



No. 100

Eveready Flashlight lamps are also sold in display assortments as shown above containing 100 lamps assorted as follows:

10 each No. 1181, 1197, 1451, 20 each No. 1180, 1193 and 30 No. 1198.

No. 100 Assortment. Mfr's List \$25.00



HOT SHOT

Columbia Hot Shot Battery for automobile and stationary engine ignition. Individual cells are combined in multiple-series. Sealed in compact moisture proof case. No possibility of trouble or annoyance from poor or wrong connections; will give excellent service.

Numbers	1461	1462
No. of dry cells	4	4
Voltage	6	6
Size, inches	10 1/2 x 2 1/2 x 7 1/2	5 1/2 x 5 3/8 x 7 1/2
Weight lbs.	11 3/4	11 3/4
Each	\$4.10	\$4.10
Numbers	1561	1562
No. of dry cells	5	5
Voltage	7 1/2	7 1/2
Size, inches	13 1/2 x 2 1/2 x 7 1/2	8 x 5 x 7 1/2
Weight, lbs.	14 1/4	14 1/4
Each	\$4.90	\$4.90

Open stock.

## BELL RINGER



The Columbia Bell Ringer consists of two dry cells compactly sealed into one unit with only two connections. It is therefore simple to install and being impervious to moisture will last longer than ordinary dry cells; attractive label; weight each 4 1/2 lbs.

Each	\$1.90
------	--------

Twelve in a carton.



MULTIPLE

No. 356—Columbia Multiple Battery for automobile and motor boat ignition; six individual cells and connected in multiple-series by heavy copper ribbon soldered to terminals; perfectly insulated and hermetically sealed in strong steel case; absolutely waterproof; invaluable for motor boats; voltage 7 1/2; dimensions 8 1/2 x 13 1/4 x 8 3/4 inches. Weight 18 lbs.

Each	\$15.30
------	---------

Open stock.

## LIGHTING OUTFIT



The Eveready Portable Lighting outfit consists of one 6-8 volt, 2 C.P. lamp, 10 feet lamp cord, and one bayonet switch, which when attached to a 5 cell Hot Shot Battery will give you continuous lighting service for 40 hours. Adapted for use in camp, barn, poultry house, motor boat, garage, and many other places, where safety and convenience favours this style of lighting; weight 1 1/2 lb.

Outfit Complete (Less Battery)	\$3.40
--------------------------------	--------

## LAMP DATA

Stock No.	Type of article in which lamp is used	Fits Eveready Tungsten Batteries Nos.	Volts	Dia. of lamp	Mfr's List Each
1180	2-cell N. P. Vest Pocket and Pistol	750	2.5	3/16 in. opal back	\$ .30
1181	3-cell N. P. Vest Pocket	751	3.8	3/16 in. opal back	\$ .30
1193	3-cell Tubular	705	3.8	3/16 in. clear	\$ .25
1195	5-cell Tubular and Watchman's Lant'n	710-715 719-731	6.2	3/16 in. clear	\$ .25
1197	2-cell Tubular	791	2.3	3/16 in. opal back	\$ .25
1198	2-cell Tubular	790	2.9	3/16 in. clear	\$ .25
1199	3-cell Large House Lamps, Cop Lights and Large Lantern	752-775 711-722-734	4.0	3/16 in. clear	\$ .25
1162	3-cell Spotlight	705			\$ .30

Catalogue Number.

704

705

706

751

775

790

791

DISCOUNT



*"Eveready"* Daylos

TUBULAR TYPE



SPOTLIGHT TYPE



MINERS' TYPE



SEARCH LIGHT TYPE

Number	Type	Case	Size, inches	Battery	Bulb	Mfr's List Complete
2602	Tubular	Fibre	1 1/4 x 5	791	1197	\$1.70
2630	Tubular	Nickel	1 1/4 x 5	791	1197	\$1.95
2604	Tubular	Fibre	1 1/4 x 6	790	1198	\$2.05
2631	Tubular	Nickel	1 1/4 x 6	790	1198	\$2.25
2612	Tubular	Fibre	1 1/4 x 8	705	1193	\$2.45
2632	Tubular	Nickel	1 1/4 x 8	705	1193	\$2.75
2660	Miners	Fibre	1 1/4 x 5	791	1197	\$1.95
2661	Miners	Nickel	1 1/4 x 5	791	1197	\$2.15
2616	Miners	Fibre	1 1/4 x 6	790	1198	\$2.40
2634	Miners	Nickel	1 1/4 x 6	790	1198	\$2.85
2619	Miners	Fibre	1 1/4 x 8	705	1193	\$2.75
2633	Miners	Nickel	1 1/4 x 8	705	1193	\$3.45
2672	Spotlight	Fibre	1 1/4 x 8	705	1162	\$5.10
2674	Spotlight	Nickel	1 1/4 x 8	705	1162	\$5.35
2658	Searchlight	Fibre	1 1/4 x 6 1/2	790	1198	\$4.00
2638	Searchlight	Nickel	1 1/4 x 6 1/2	790	1198	\$4.05
2659	Searchlight	Fibre	1 1/4 x 8 1/2	705	1193	\$4.30
2637	Searchlight	Nickel	1 1/4 x 8 1/2	705	1193	\$4.55



POCKET TYPE



HOUSE LAMP TYPE



LANTERN TYPE



CIGARETTE CASE TYPE

Number	Type	Case	Size, inches	Battery	Bulb	Mfr's List, complete
6961	Pocket	Nickel	1 1/4 x 1 1/4 x 3	750	1180	\$1.30
6962	Pocket	Nickel	1 1/4 x 2 1/4 x 3	751	1181	\$1.65
4706	House Lamp	Nickel		703	1193	\$3.45
4702	Lantern	Nickel		710	1195	\$8.95
6991	Cigarette Case	Nickel	1/2 x 1 1/4 x 3	750	1180	\$1.65
6992	Cigarette Case	Nickel	1/2 x 2 1/4 x 3	751	1181	\$2.10



## DAYLO BATTERIES

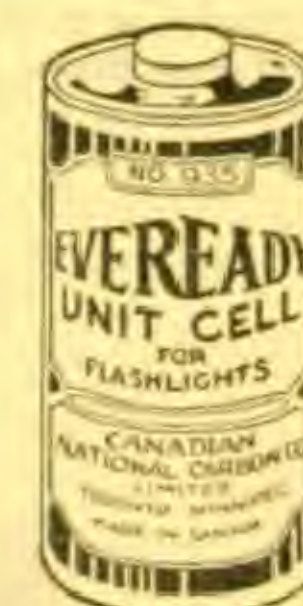
Eveready Tungsten Batteries are tested before shipment which ensures their being in good condition, and are guaranteed to furnish service for a specified length of time as per schedule below.



## "EVEREADY" TUNGSTEN BATTERY DATA.

Catalogue Number.	Number of Cells	Size over all (inches).		Catalogue Number of bulb Required.	Will stand on shelf without depreciating more than 10% (months).	Mfrs List EACH
		High	Wide			
703	3	2 5/8	2 3/8	1190	4	\$ .45
705	3	7	1 3/8	1193	6	\$ .60
750	2	2 3/4	1 5/8	1180	3	\$ .40
751	3	2 1/4	2	1181	3	\$ .45
775	3	3	2 3/4	1199	6	\$ .65
790	2	4 3/4	1 3/8	1198	6	\$ .40
791	2	3 3/4	1	1197-1182-1192	4	\$ .40

DISCOUNT



## UNIT CELLS

Unit Cells have been created to simplify the dealers problem of keeping Daylo battery stock as the units here shown will make up batteries for all tubular Daylos shown above; packed 36 in display carton.

No. 935—1 1/4 inch diameter Mfr's List Each \$ .20

No. 950—1 1/2 inch diameter Mfr's List Each \$ .20





## Brake Lining



**Asbestonos** brake band lining; made from the best grade of asbestos fibre produced in the Canadian mines, and manufactured in a modern Canadian factory; the fibre is woven into yarn which is interwoven with a double brass wire to give it more strength; after the weaving operation it is thoroughly impregnated with a special compound which renders it impermeable to oils, grease, moisture etc., the wearing life of Asbestonos can be depended on as no expense has been spared to produce the best article of its kind on the market.

Display stands as shown above are supplied to dealers who order a representative stock order.

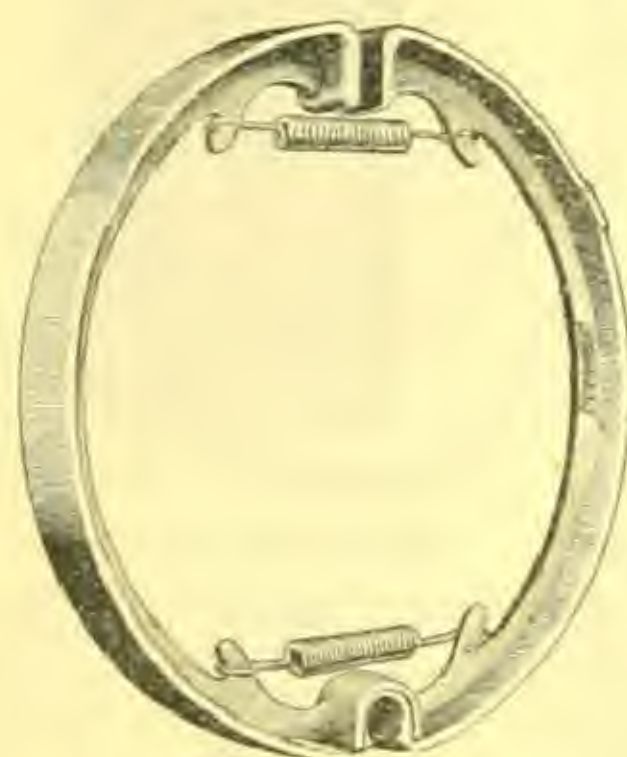
Width, inches	1 1/4	1 1/2	1 3/4	2	2 1/4	2 1/2	2 3/4	3	3 1/4	3 1/2	3 3/4	4
Thickness, inches	3/8	1/2	5/8	3/4	7/8	1	1 1/8	1 1/4	1 1/2	1 3/4	1 7/8	2
Feet in a roll	50	50	50	50	50	50	50	50	50	50	50	50
Weight per roll, lbs.	5	6 1/2	8	9	10	11	12	14	16	18	20	22
Mnfr's List per foot	\$ .50	.55	.65	.70	.75	.80	.85	.90	1.00	1.10	1.20	1.30

Discount in roll lots Less than roll lots

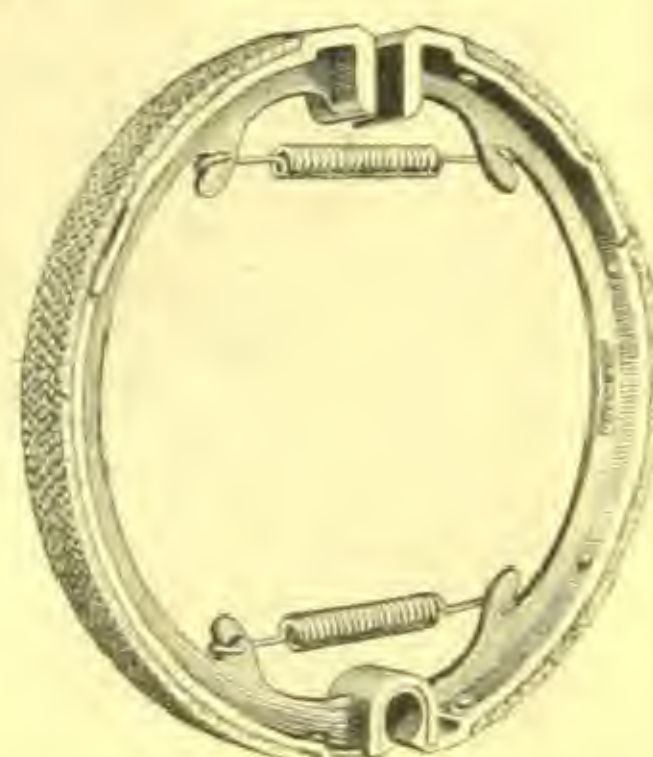
**ASBESTONOS** is also put up in sets for Ford Transmission Brake Lining, sets contain three pieces each 23 x 1 1/8 inches with rivets to apply, in neat paper carton

Per set \$ 1.80

## Brake Shoes



UNLINED



LINED

Cast iron; for Ford cars; fitted and machined to exact size; no trouble to insert as they are the same size as the standard factory equipment; lined or unlined; sets contain two shoes with release springs. Weight per set 2 1/4 lbs.

No. 10—Unlined Brake Shoes, for Ford cars

Per set \$1.00

No. 20—Lined Brake Shoes, for Ford cars

Per set \$2.75

Open stock.

## Brake Lining

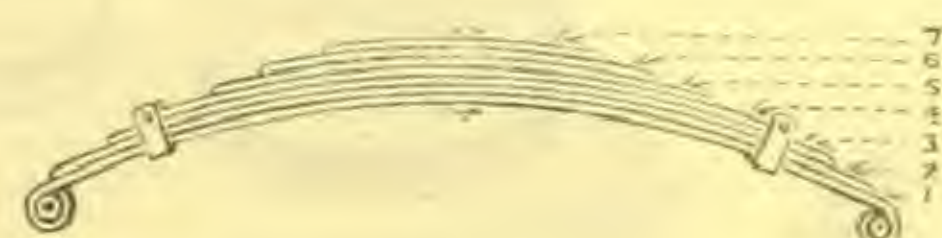


**Lion Brake Lining:** For Ford cars; cotton fabric; treated to withstand wear, heat, oil, etc.; permits brake to operate smoothly and quickly; sets contain three pieces with rivets to attach.

Lion Brake Lining per set \$1.20

One set in a box.

## Automobile Springs



FRONT



REAR

Front springs for Ford cars; best carbon steel; seven leaf; correct size; fits all models 1915 to 1921. Weight each 18 lbs.

Each \$ 3.50

Open stock.

Rear springs for Ford cars; best carbon steel; eight leaf; correct size; fits all models 1915 to 1921. Weight each 48 lbs.

Each \$12.00

Open stock.



## Shock Absorbers

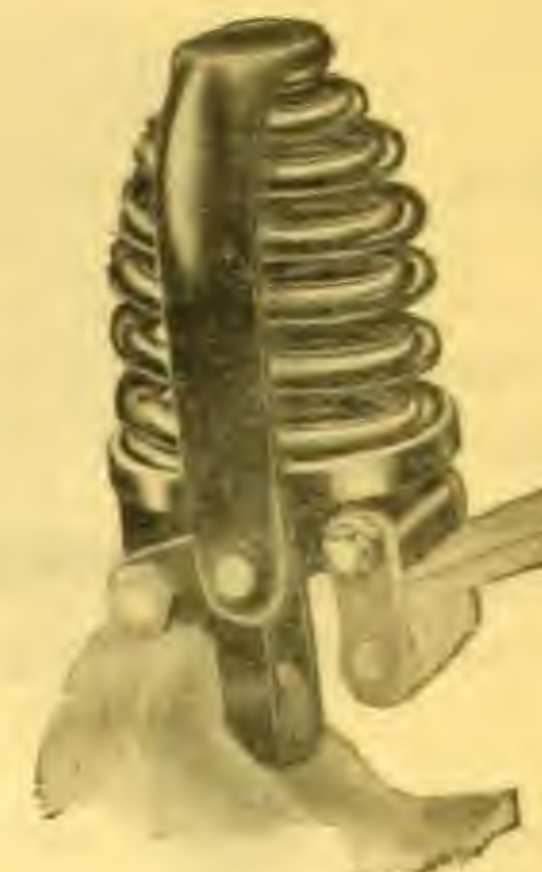
Halliday direct suspension style shock absorbers for Ford touring, coupe, roadster or sedan model; the load (car body and the passengers) is suspended by a heavy steel yoke upon a sturdy beehive spring of half inch spring wire attached to the car leaf spring by means of a set of compound levers; the principal working bearings are steel bushed and have oil holes to permit lubrication and reduce friction and wear; Halliday absorbers are unexcelled for shocking qualities, resiliency, durability, strength, freedom from side sway and ease of installation. Best results will be obtained by applying the proper size according to the listing below; weight per set 30 lbs.

Touring model. Per set.....	\$33.00
Sedan model. Per set.....	33.00
Roadster model. Per set.....	33.00
Coupe model. Per set.....	33.00

One set in strong carton.



FRONT



REAR



TWIN ARM

"H and D" cantilever type of shock absorbers for Ford cars; malleable arms; coil springs of the best grade high carbon steel; oil cups on bearings; reduces the road bumps; prevents rebound and side sway; lessens spring breakage; increases tire mileage and reduces general depreciation of the car; easily installed, no holes to bore or other injury to the car being necessary; fits all models; special set made for Ford delivery trucks; one set complete in a strong carton.



SINGLE ARM

Twin arm; For Ford automobiles, weight per set 21 lbs.....	Per set	\$22.50
Single arm; For Ford automobiles, weight per set 20 lbs.....	Per set	\$22.50
Truck; for Ford delivery trucks, weight per set 59 lbs.....	Per set	\$40.00

## Automobile and Truck Horns



Model A—Electric; six volt; motor driven; torpedo type; positive starting; low current consumption; easily oiled; Ford type bracket; finished in black enamel; length 8 inches; weight 2½ lbs. Each..... \$9.00

Model B—Electric; six volt; motor driven; megaphone type; reliable motor; easily adjusted and oiled; low current consumption; length 11 inches; black enamel finish; standard bracket; weight 2½ lbs. Each..... \$10.00



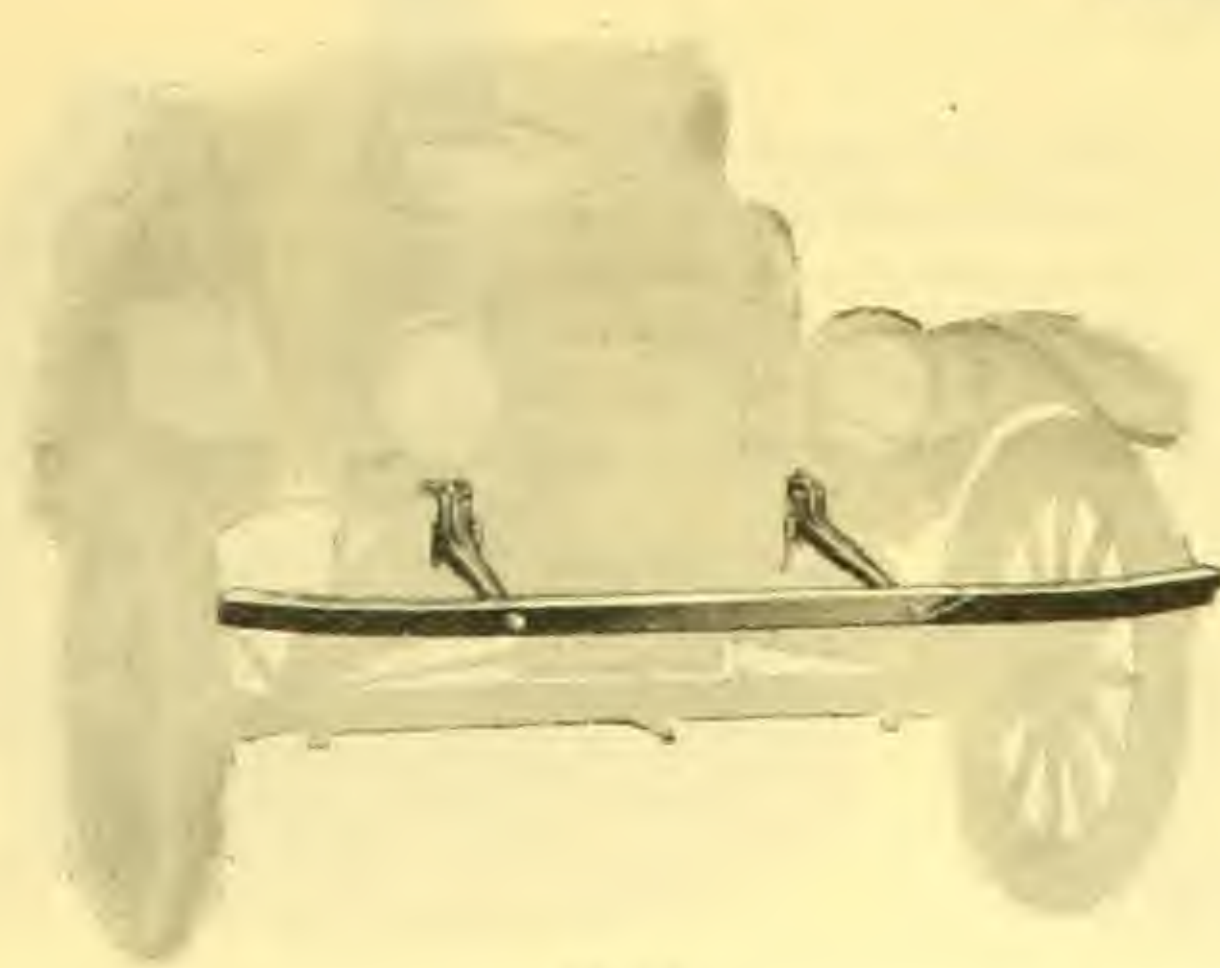
No. 15—Electric; six volt; motor driven; megaphone type; reliable and durable motor; easily oiled and adjusted; universal bracket; black enamel finish; length 12 inches; weight 3¼ lbs. Each..... \$14.00

No. 5000—Hand operated; vertical push rod; adjustable bracket; black enamel finish; weight 2 lbs. Each..... \$6.00  
No. 5002—As No. 5000 but with short projector for motorcycles, boats, etc. Each..... \$6.00

One in a carton.



## Channel Bumpers



FORD

Steel channel bar; one and three quarter inch by sixty inches long; heavy cast arms with coil springs to absorb the shock; easily attached; neat in appearance suitable for all models; weight each 16 lbs.

No. 219B—Black Finish  
No. 219N—Nickel Finish

Each \$10.00  
Each \$12.00



CHEVROLET

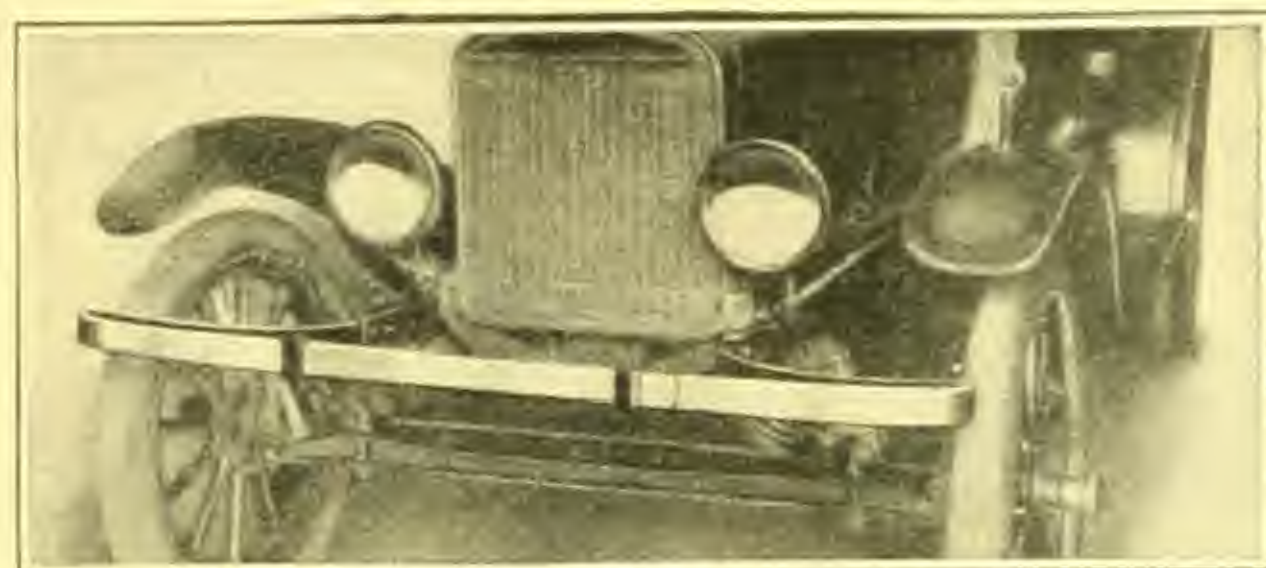
Steel channel bar; two inch by sixty inches long; cast arms attaching to the side frame; for 1920 Chevrolet model 490. Easily attached; well finished; neat appearance; weight each 21 lbs.

No. 1920—Nickel Finish

Each \$13.00

## Lyon Spring Bumpers

Finest grade oil tempered steel is used in the manufacturing of Lyon bumpers; they are scientifically formed for resiliency and will withstand a 1100 pound impact or seven inch deflection without altering their shape. The overlapping gives increased strength where most needed; at the same time allowing for adjustment to the different widths of car frames; the "Three Way" fittings enables the dealer to fit practically all makes of cars with the same bumper thereby reducing his stock; each bumper is shipped in a neat compact case plainly marked and with all fittings for attaching.



FORD

No. 7—Ford Front; black finish; with nickel clips; weight each 30 lbs.

Each

\$24.00

No. 57—Ford Rear; black finish; with nickel clips; weight each 30 lbs.

Each

\$24.00

No. 8—Ford Front; nickel finish; with black clips; weight each 30 lbs.

Each

\$27.00

No. 58—Ford Rear; nickel finish; with black clips; weight each 30 lbs.

Each

\$27.00



CHEVROLET

No. 18—Chevrolet Front; nickel finish; black clips; weight each 35 lbs.

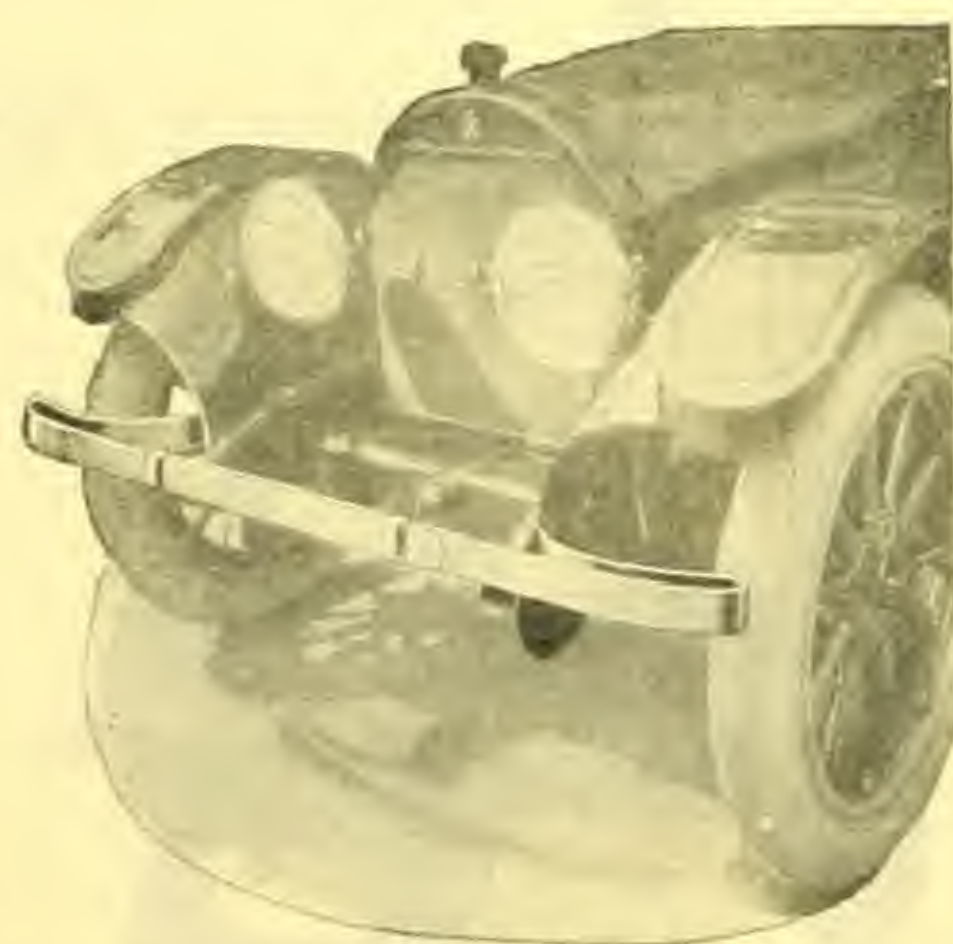
Each

\$27.00

No. 118—Chevrolet Rear; nickel finish; black clips; weight each 35 lbs.

Each

\$27.00



THREE-WAY

This type can be attached to nearly all the standard cars;

No. 102—Nickel finish; black clips; size of steel 2 x 3/4 inches; for medium

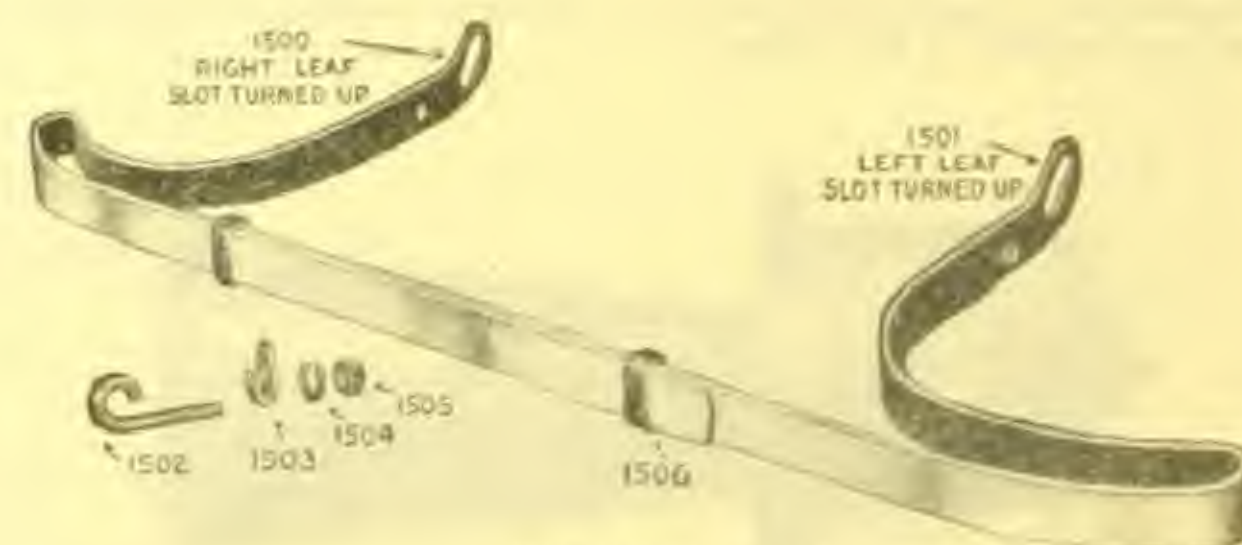
weight cars; weight 48 lbs.

Each \$30.00

No. 105—Nickel finish; black clips; size of steel 2 1/4 x 3/4 inches; for heavy

cars; weight 53 lbs.

Each \$35.00



BUMPER PARTS

Order parts for Lyon bumpers from diagram above and as listed below

No.	Description	Price
1500-1501	Black Steel Leaves, medium size	\$10.50
1500-1501	Nickel Steel Leaves, medium size	\$12.75
1500-1501	Black Steel Leaves, large size	\$12.75
1500-1501	Nickel Steel Leaves, large size	\$15.00
1502	Eye bolts	\$1.00
1503	Bolt Sleeve	\$ .50
1506	Front Clip, large or medium size, black	\$1.50
1506	Front Clip, large or medium size, Nickel	\$2.60



PHANTOM  
Showing spring  
gland construction



FORD SPECIAL

1/2-inch long body,  
long shell above  
thread eliminates  
need for socket wrench

Each \$1.00





## Hercules Spark Plugs

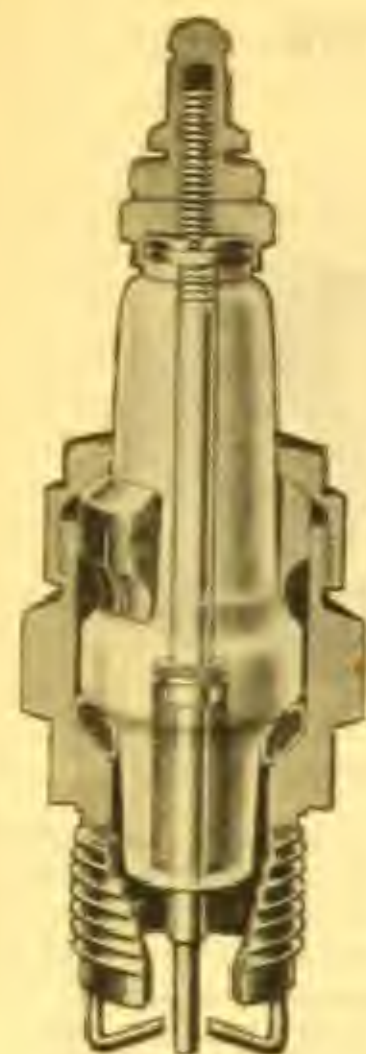
### GIANT TYPE

**THE Spring Gland** employed in Hercules Spark Plugs is the result of years of experimental work with a view of eliminating recognized weaknesses of old style construction.

This gland slips over the porcelain beneath an outer lock nut, its lower flange riding top of tapered shoulder and absorbing contraction and expansion through its sliding spring action. It serves further to prevent loosening through expansion. The copper asbestos seat is still used but is relieved of excessive strain through spring action of upper gland. The double packing system serves to hold the plug compression tight by absorbing shock or strain and maintaining perfect alignment and stability. Every phase of this new style construction is fully covered by patents and can be procured only in the Hercules Giant Spark Plug.

The porcelains employed in all Hercules models, more closely approximate stone than any material used in the manufacture of spark plugs, and are absolutely impervious to heat, vibration and oil.

The styles listed below are adapted for use in practically all of the modern automobiles, and to ensure obtaining the correct type mention the car for which they are wanted.



"PHANTOM"  
Showing spring  
gland construction



FORD SPECIAL

1/2-inch long body. The long shell above the thread eliminates the need for socket wrench.

Each ..... \$1.40



3/4" REGULAR

Especially recommended for Cadillac, Chalmers, Hudson, Marmon, Maxwell, Paige, Packard and others.

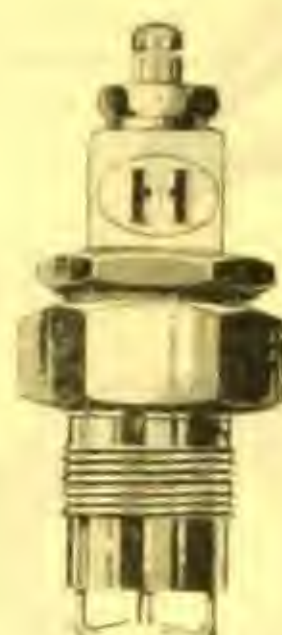
Each ..... \$1.40



1" EXTENSION

A special type, with long body above and below threads for such cars as the Oakland, Oldsmobile, Buick, Dodge, etc.,

Each ..... \$1.40



1920 McLAUGHLIN SPECIAL

A short body type adapted for late models of McLaughlin.

Each ..... \$1.40



1 1/2" TRACTOR

A Plug of special design and construction to withstand extreme heat vibration and heavy compression.

Each ..... \$2.00



GIANT PORCELAIN ASSEMBLED

The above porcelain assembly is for all types of Giant Plugs shown herewith except McLaughlin special.

Each ..... \$ .70



### "GIANT" ASSORTMENT

The handsome display case here shown is supplied to the dealer free, with an assortment of "Giant" plugs as listed below, consisting of only those sizes for which the dealer will find a ready sale—sizes adapted to 90 per cent of all cars—and in the proportion usually sold. A beautiful assortment of advertising and display matter will be included.



FORD JUNIOR

### JUNIOR TYPE

This model is built along conservative and standard lines and has been for years recognized as representing the maximum of service, efficiency and dependability.

Loose assembled center stem, reinforced electrode and other special features place them in a class by themselves, while at the same time they are offered to the consumer at competitive resale prices.

Each ..... \$ .90

### Contents of assortment

25 Hercules "Giant" Plugs, 1/2-inch Ford Special.

12 Hercules "Giant" Plugs, 3/4-inch Extension.

25 Hercules "Giant" Plugs, 7/8-inch McLaughlin Special.

13 Hercules "Giant" Plugs, 1 1/2-inch Standard.

Giant assortment complete ..... Each \$100.00



## FOOT REST



No. 222

Foot rest; malleable iron; the boot rests comfortably as illustrated and prevents legs strain; easily applied; japanned finish; weight each 1 1/2 lbs.

Each..... \$1.30

One in a box.

## CUT-OUT



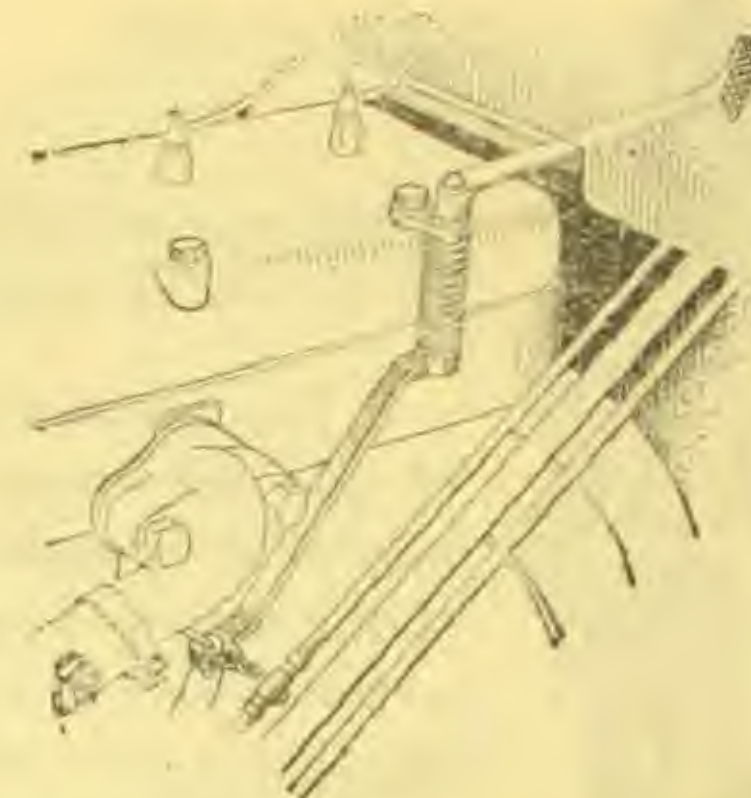
No. 100

Ford Cut-out; cast iron; gate is carefully fitted; all necessary fittings are supplied; easy to attach; satisfactory in operation; japanned finish; weight each 2 lbs.

Each..... \$2.40

One in a box.

## ACCELERATOR



No. 1

Ford Accelerator; malleable; gives perfect control; operates independently of the hand throttle; no rattle; easily applied; japanned finish; weight each 1 1/2 lbs.

Each..... \$2.70

One in a box.

## AUXILIARY RADIUS RODS



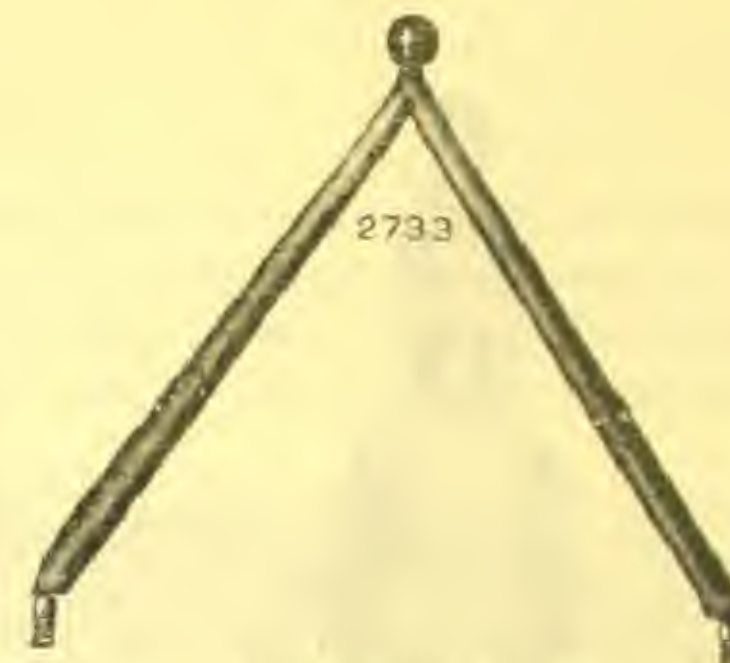
## FOR FORD CARS

Carbon Steel; with clamps, bolt, etc., for applying; weight per set 3 lbs.

Tubular for 1915 to 1919 models	Per set	\$1.80
Angular for 1915 to 1919 models	Per set	\$2.40
Angular for 1920 to 1922 models	Per set	\$3.50

Open stock.

## RADIUS RODS

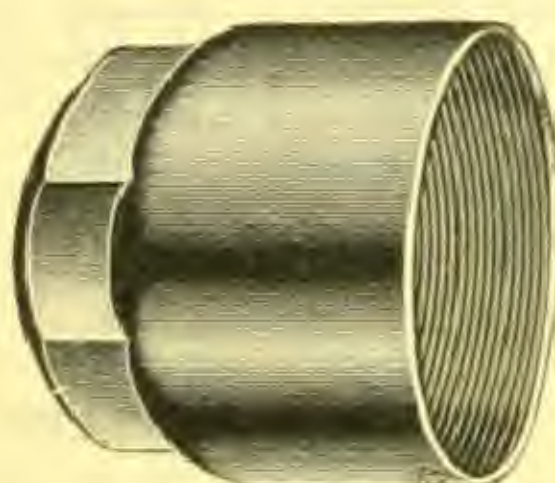


## FOR FORD CARS

Carbon Steel tubing; machined steel ends; drop forged; fit perfectly; japanned finish; weight each 9 lbs.

No. 2733—For 1916 to 1919 models	Each	\$3.90
No. 2733B—For 1920 to 1922 models	Each	\$4.30

## HUB CAPS



Ford Hub Caps; wrought steel; finishes as below.

No. 17—Nickel plated	Per dozen	\$4.00
No. 18—Black Enamel	Per dozen	\$3.60

Open stock.

## ANTI RATTlers



For doors on all automobiles; attaches to the stop; prevents rattling; allows door to close easily; throws door open when latch is released.

Anti-Rattlers..... Per dozen \$4.00

Two dozen on a card.

## ALIGNING SPRINGS

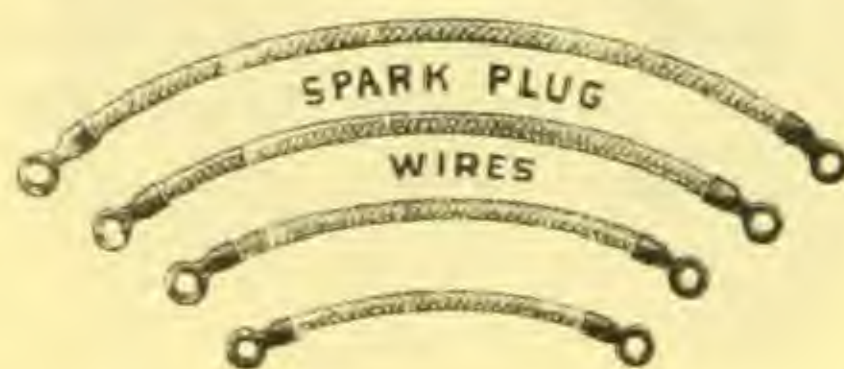


For steering rods and brake rods on all light cars; prevent rattle and wear and aid in steering.

Aligning Springs	Per pair	\$ .60
Brake rod springs	Per set of 4	\$ .60

One dozen in a box.

## SPARK PLUG WIRES

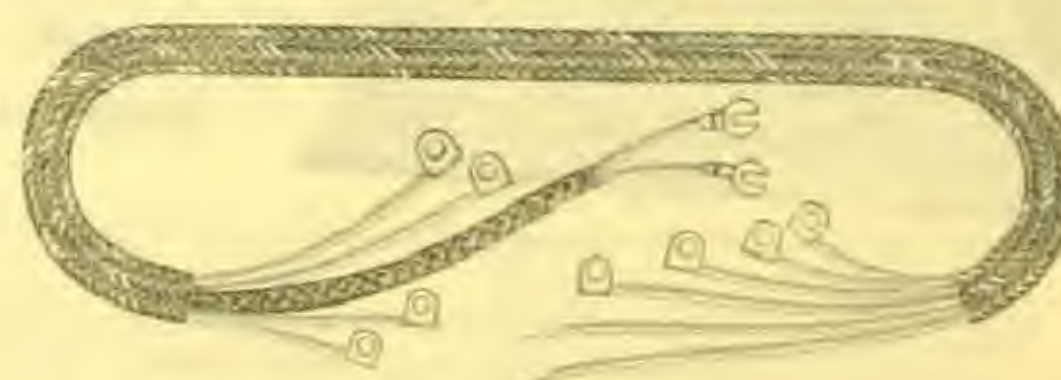


No. 4—Four wire sets of spark plug wires for all types of Ford cars; braided covering; brass terminals.

Per set..... \$ .50

Open stock.

## IGNITION HARNESS



No. 5—Five Wire Braided Ignition assembly or commutator wire for Ford cars of the non-starter type. Per set

\$ .90

No. 6—Six Wire Braided Ignition assembly or commutator wire of the starter type. Per set

\$1.30

Open stock.



## Axle Bearings



OUTER BEARING



INNER BEARING

Ball Bearings for Ford and Chevrolet cars; cones, cups, and balls are milled from best grade cast steel; carefully adjusted and ready to insert in the hub by removing the complete bearings originally installed; very satisfactory; moderate in price; no adjustment necessary; weight per set 2 1/4 lbs.

No. 2000—Per set of four bearings ..... \$6.50  
One set in a box



Roller Bearings for Ford and Chevrolet cars; solid rolls; tapered cones and cups; one piece retainer; best quality materials; easily inserted; eliminate bearing troubles; weight per set 2 1/2 lbs.

Crowe—Per set of four bearings ..... \$9.00  
One set in a box.



### FRONT HUB ASSEMBLY

For Ford cars; best grade of malleable iron; accurately machined; and fitted with highest grade steel balls and races; supplied with ball bearings only but will also accommodate the bearings listed above. Weight each 5 lbs.

Each ..... \$3.50  
Open stock.

### STEEL BALLS



Cast steel; best grade; true running; polished.

Diameter, inches	1/8	3/16	1/4	5/16	3/8	7/16	1/2	5/8	3/4
Per 100	\$ .60	.80	1.20	2.00	3.00	4.00	8.00	12.00	

One hundred in a package.

## Hub Parts



No. 2808

For Ford Hubs; best quality; accurately made; heat treated; fit correctly; guaranteed.  
Number 2808  
Name Dust Rim  
Per 100 ..... \$1.00



No. 2807

Inner Ball Retainer  
3.40



No. 2805

Inner Race  
32.00



No. 2809

Washer  
5.30



No. 2806

Outer Ball Retainer  
2.70



No. 2801

Outer Race  
22.70

One hundred in a box.

## Connecting Rods



Connecting rods for Ford cars; drop forged from high grade carbon steel; best quality babbit used in the bearings; machined to size; guaranteed to fit; weight each 1 1/2 lb.

Each ..... \$3.00  
One in a carton.

## Axles



Rear Axle shafts for Ford and Chevrolet cars; high carbon steel; heat treated and toughened; correct measurements; guaranteed first quality; weight each 7 3/4 lbs.

For all models Ford cars ..... Each \$2.70  
For model 490 Chevrolet cars ..... Each \$3.00  
Open stock

## Gears



Spiral Gears and Pinions for Ford cars; will replace gears on all models; carefully made from highest grade steel; smooth running; weight per set 4 1/2 lbs. Per set ..... \$19.00  
Open stock.



Gears and Pinions for Ford or Chevrolet cars using straight cut gears; best quality; carefully milled; smooth running; fit perfectly; weight per set 4 lbs.  
Per set ..... \$7.00  
Ring Gears only ..... Each \$5.40  
Pinions only ..... Each \$1.80  
Open stock



## Automobile Wrenches



No. 600 SALESMAN

No. 600—Display salesman; chestnut wood; natural finish; three coats of varnish; contains practically all the wrenches used on a Ford car and many that are useful for all cars; height of stand 70 inches; width 24 inches; contents of salesman as follows:

6 No. 623 Connecting Wrenches	8 No. 645 Ratchet Wrenches.
4 No. 624 Ratchet Wrenches.	6 No. 650 Hub Cap Wrenches
6 No. 630 Triple End Wrenches.	4 No. 1637 Double End Wrenches
4 No. 622 Crank Shaft Wrenches	4 No. 613 Brace Wrenches.
4 No. 635 Spark Plug Wrenches.	6 No. 611 Brace Wrenches.
4 No. 636 Fly Wheel Wrenches.	3 No. 612 Brace Wrenches.
5 No. 625 Socket Wrenches.	3 No. 638 Connecting Wrenches.
4 No. 632 Differential Wrenches	3 No. 676 Triple End Wrenches.
	4 No. 608 Valve Grinders.

No. 600 Salesman complete with 78 tools as above..... Each \$100.00

Refills for this set may be purchased separately when required as listed below.



No. 623

For all connecting rods on Ford cars, including the fourth, which is difficult to reach; size of opening  $\frac{1}{2}$  inch.

No. 623—Nickel Finish..... Each \$1.00



No. 624

A reversible Ratchet Wrench for connecting rods on Ford cars; size of opening  $\frac{1}{2}$  inch.

No. 624—Nickel Finish..... Each \$4.50



No. 630

Triple End Wrench, for cylinder head screws and rear axle housing bolts. size of opening  $\frac{1}{2}$  and  $\frac{3}{4}$  inch.

No. 630—Nickel Finish..... Each \$1.20



No. 631

Reversible Ratchet Wrench for cylinder head screws and rear axle bolts on Ford cars.

No. 631—Black Finish..... Each \$5.00



No. 635

A double end Spark Plug and Cylinder Head Wrench for Fords; size of openings  $\frac{1}{2}$  and  $\frac{3}{4}$  inch.

No. 635—Nickel Finish..... Each \$1.50



No. 636

For fly wheel cap screws on Ford Cars; size of openings  $\frac{3}{4}$  inch.

No. 636—Nickel Finish..... Each \$2.20



No. 645

Ratchet Wrench for reverse and brake pedal tension springs on Ford cars; size of opening  $\frac{1}{2}$  inch.

No. 645—Nickel Finish..... Each \$ .90



No. 650

Hub Cap and Axle Nut Wrench for Ford cars.

No. 650—Nickel Finish..... Each \$ .30



No. 1637

Double end hexagon socket wrench; for general use; sockets are  $\frac{3}{16}$  and  $\frac{1}{2}$  inches; length 9 inches.

No. 1637—Nickel Finish..... Each \$1.50



No. 613

All-steel Rim Brace Wrench for demountable rims on all cars.

No. 361—With  $\frac{3}{16}$  Socket..... Each \$2.00  
No. 362—With  $\frac{1}{2}$  Socket..... Each \$2.00  
No. 363—With  $\frac{3}{4}$  Socket..... Each \$2.00



No. 613

Speed Brace Socket Wrench, made in three sizes, as below.

No. 613—With  $\frac{3}{16}$  Socket..... Each \$1.40  
No. 611—With  $\frac{1}{2}$  Socket..... Each \$1.40  
No. 612—With  $\frac{3}{4}$  Socket..... Each \$1.40

Six in a box.



No. 622

Single-end Socket Wrench for crank shaft bearing bolts on Fords.

No. 622—Nickel Finish..... Each \$1.60







## Wrench Sets

This assortment is made up of the best selling sizes of the favorite open end Wrench. They are all full finished and fit all sizes of U. S. bolts and nuts and S. A. E. screws from  $\frac{1}{4}$ -inch to  $\frac{3}{4}$ -inch diameter. On attractive wood display case 12 x 16 inches.



"V" SALESMAN

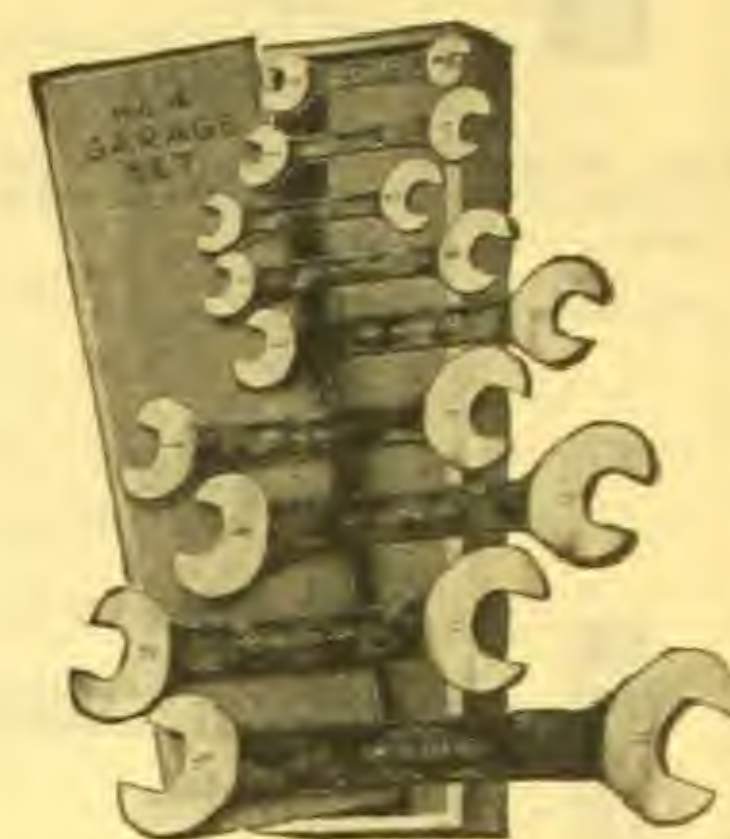
## DETAIL OF CONTENTS

No.	Size opening inches	Bolt size inches	Length inches	Thickness inches	Price Each
220	$\frac{1}{8}$ & $\frac{3}{16}$	$\frac{1}{8}$	4	$\frac{1}{8}$	\$ .18
232	$\frac{1}{8}$ & $\frac{1}{4}$	$\frac{1}{4}$	4 $\frac{1}{2}$	$\frac{1}{8}$	\$ .24
234	$\frac{1}{8}$ & $\frac{1}{4}$	$\frac{3}{8}$	4 $\frac{1}{2}$	$\frac{1}{8}$	\$ .24
244	$\frac{1}{8}$ & $\frac{3}{8}$	$\frac{1}{2}$	5 $\frac{1}{2}$	$\frac{1}{8}$	\$ .30
254	$\frac{1}{8}$ & $\frac{1}{2}$	$\frac{3}{4}$	6 $\frac{1}{2}$	$\frac{1}{8}$	\$ .40
267	$\frac{1}{8}$ & $\frac{3}{4}$	$\frac{1}{2}$	8	$\frac{1}{8}$	\$ .54
274	$\frac{1}{8}$ & $\frac{1}{2}$	$\frac{3}{4}$	8 $\frac{1}{2}$	$\frac{1}{8}$	\$ .65
278	$\frac{1}{8}$ & 1	1	8 $\frac{1}{2}$	$\frac{1}{8}$	\$ .65
293	1 & 1 $\frac{1}{4}$	1 $\frac{1}{2}$	11	$\frac{1}{8}$	\$ 1.00

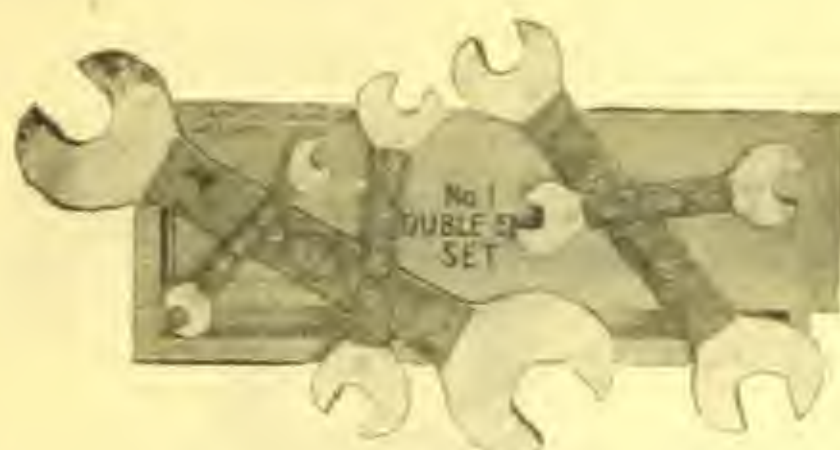
"V" Salesman containing 4 each of the above sizes (36 wrenches) complete.

Each ..... \$22.00

No. 4—Garage set containing one each of the above sizes (9 wrenches, complete) ..... Each \$4.00



No. 4



No. 1

Double end, semi-finish, solid steel; size openings:  $\frac{1}{8}$  and  $\frac{3}{16}$ ,  $\frac{1}{4}$  and  $\frac{3}{8}$ ,  $\frac{1}{2}$  and 1 inch,  $\frac{3}{4}$  and  $\frac{1}{2}$ ,  $\frac{3}{8}$  and  $\frac{1}{4}$ , five wrenches. Weight per set 1 $\frac{1}{4}$  lbs.

No. 1 Set ..... Each \$1.50

One set in a box.



No. 50

Double end, semi-finish, solid steel; size openings:  $\frac{1}{8}$  and  $\frac{3}{16}$ ,  $\frac{1}{4}$  and  $\frac{3}{8}$ ,  $\frac{1}{2}$  and  $\frac{3}{4}$ ,  $\frac{3}{8}$  and  $\frac{1}{4}$ , and 1 inch, five wrenches; weight per set 1 $\frac{1}{4}$  lbs.

No. 1 Set ..... Each \$1.80

One set in a box.



No. 30

Socket set; rust proof finish; contains, ten pressed steel, hexagon sockets, one spark plug socket, one oval socket, one offset screw driver, one universal joint, one extension tube, and one ratchet socket handle; the popular set for Fords; in wood case per weight set 6 lbs.

No. 30 Set ..... Each \$8.00



No. 14

Socket Set; rust proof finish contents of set; twenty three hexagon sockets, eleven square sockets, one ratchet handle, one "T" handle, one off set handle, one extension bar, one pair nickled pliers, one pipe wrench, five double end wrenches, one universal joint, three spark plug socket, one off set screw driver, one cotter pin extractor, hardwood case with tray; weight per set 17 $\frac{1}{2}$  lbs.

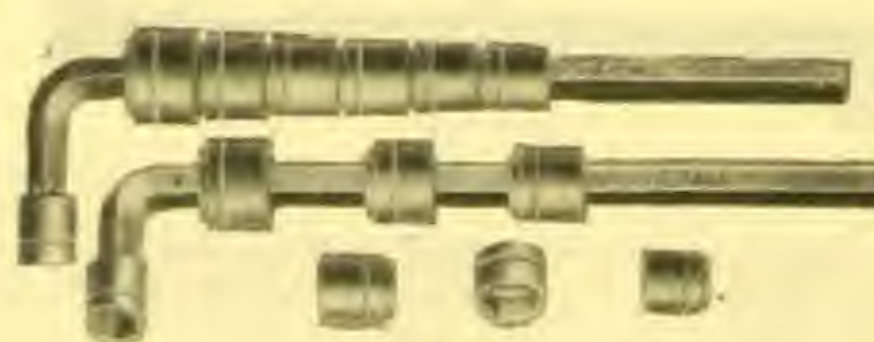
No. 14 Set ..... Each \$25.00



No. 10

Socket Set; rust proof finish; set contains, twenty one hexagon steel sockets, one extension bar 9 $\frac{1}{2}$  inches long, one universal joint, and one double end off set screw driver; in hardwood case; weight per set 8 lbs.

No. 10 Set ..... Each \$14.00



No. 5

No. 5—Socket Set; rust proof finish; seven hexagon sockets milled from bar steel and case hardened; length of handle 10 $\frac{1}{2}$  inches; sockets pack on the handle as shown in the upper cut; weight per set 21 ounces.

No. 5 Set ..... Each \$4.00



No. 13

Socket Set; rust proof finish; contains fifteen pressed steel hexagon sockets, one extension tube 9 $\frac{1}{2}$  inches long, one ratchet socket wrench handle; hardwood case; weight per set 5 $\frac{1}{2}$  lbs.

No. 13 Set ..... Each \$9.00



# Wrench and Tool Sets



STYLE "F"

Socket Set; for Ford Cars; contains 10 pieces; as follows: one 7 inch ratchet handle; one 6 inch extension bar; six hexagon steel sockets; two screw driver bits; in strong fibre case; weight per set 28 ounces.

Style "F" ..... Per set \$6.00



No. 200

Socket set; contains 17 pieces as follows: one 9 inch drop forged ratchet handle; one 8 inch extension bar; fifteen milled and case; hardened steel sockets with openings from  $\frac{1}{8}$  to  $1\frac{1}{4}$  inch; packed in hardwood case; weight per set 6 lbs.

Per set ..... \$20.00



No. 1

Tool Kit; eight articles as below:

- One 12 oz ball Peen hammer
  - One 9 inch Auto Wrench
  - One 4 inch screw driver
  - Two D. E. Engineers Wrenches
  - One  $\frac{3}{8}$  inch hand punch
  - One  $\frac{3}{8}$  inch cold chisel
  - One pair 6 inch combination pliers
- packed in canvas roll with pockets for each tool.  
Weight per set  $1\frac{1}{4}$  lbs.

No. 1—Tool Kit ..... Each \$5.00

## RIM TOOL



No. 1

Duplex Rim Tool; for removing tires from the steel rims; forged steel; indestructible; easy to operate; adjustable; for owners or garage use; weight each 8 lbs.

No. 1—Rim Tool ..... Each \$8.00

## WHEEL PULLER



No. 660

Wheel puller; wrought steel; rust proof black finish; suitable for Ford and Chevrolet cars; weight each  $1\frac{3}{4}$  lbs.

No. 660 ..... Each \$2.70

One in a box.

## COIL FILES

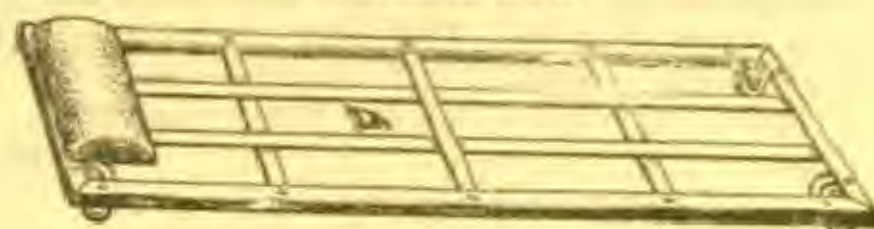


Coil Point Files; best carbon steel; flexible, length over all inches; length of file inches; width inches; thickness inches.

Per dozen ..... \$2.50

One dozen on display card

## CREEPERS



No. 181

All steel Creeper; frame is made of 1 inch angle steel; cross straps are of  $\frac{1}{2}$  inch band steel riveted to the frame; ball bearing swivel casters; the head rest is made of black enamel drill and fastened securely to the frame; size of frame 36 x 12 inches; weight each  $7\frac{1}{2}$  lbs.

No. 181—Creeper ..... Each \$6.00

Open stock

## SPARK PLUG BRUSH



No. 89

Spark plug cleaning brush; for removing soot, carbon, grease, etc.; two flat steels included with each brush.

No. 89— ..... Per dozen \$5.00

One dozen in a box.

## FIRE EXTINGUISHERS



GUARDENE

Guardene; made of cold rolled copper with 17 inches of flexible hose; capacity  $2\frac{1}{2}$  gallons; easily operated by turning upside down when the acid and soda solution mixes and forms carbon dioxide gas in sufficient pressure to force the contents forty feet from the nozzle; to shut off turn right side up; approved by the Underwriters.

Each ..... \$30.00

Pyrene; heavy brass body; capacity one quart; the liquid is non-poisonous and forms an elastic blanket which separates the flame from the burning material; very effective on electrical fires or fires in highly inflammable materials; operates like a syringe; easily filled; supplied with bracket.

Each ..... \$19.20

Refills ..... \$3.20



PYRENE



## Box Assortments



CASTELLATED NUTS

A. L. A. M. thread, contains fifteen nuts assorted as follows: Four each  $\frac{3}{8}$  and  $\frac{1}{2}$  inch, three  $\frac{3}{4}$  inch, and two each  $\frac{1}{2}$  and  $\frac{3}{4}$  inch.

No. 15. Per dozen boxes ..... \$8.00



PLAIN NUTS

A. L. A. M. thread, contains twenty-four nuts, assorted, eight each  $\frac{1}{4}$ ,  $\frac{3}{8}$  and  $\frac{1}{2}$  inch.

No. 24. Per dozen boxes ..... \$8.00



SEMI-FINISHED NUTS

U. S. S. thread, contains twenty-four nuts, assorted, eight each  $\frac{1}{4}$ ,  $\frac{3}{8}$  and  $\frac{1}{2}$  inch.

No. 024. Per dozen boxes ..... \$8.00



SET SCREWS

U. S. S. thread, contains fourteen square head screws assorted as follows: Two each,  $\frac{1}{4}$  x  $\frac{1}{2}$  and  $\frac{3}{8}$  x  $\frac{1}{2}$ ,  $\frac{1}{2}$  x  $\frac{3}{4}$ ,  $\frac{3}{8}$  and  $1\frac{1}{4}$  inch, and  $\frac{3}{8}$  x 1 and  $1\frac{1}{2}$  inch.

No. 14. Per dozen boxes ..... \$6.00



CAP SCREWS

U. S. S. thread, contains twelve Hexagon Head Screws, assorted as follows: Two each,  $\frac{1}{4}$  x 1 and  $1\frac{1}{4}$  inch,  $\frac{3}{8}$  x 1 and  $1\frac{1}{4}$  inch, and  $\frac{1}{2}$  x  $1\frac{1}{4}$  and  $1\frac{1}{2}$  inch.

No. 12. Per dozen boxes ..... \$8.00



TAPER PINS

Standard Taper Pins, contents of packages, forty pins, assorted, as follows: Ten No. 0 x 1 inch, two No. 1 x 1 inch, fourteen No. 1 x  $1\frac{1}{4}$  inch, six No. 2 x 2 inch, four No. 3 x  $2\frac{1}{4}$  inch, and four No. 4 x  $2\frac{1}{2}$  inch.

No. 40. Per dozen boxes ..... \$14.40



LOCK WASHERS

An assortment of the most useful sizes of Lock Washers for automobile, motorcycle and other light machine use, containing 30 washers in screw top container for bolts of the following sizes,  $\frac{3}{16}$ ,  $\frac{1}{4}$ ,  $\frac{3}{8}$ ,  $\frac{1}{2}$ ,  $\frac{3}{4}$  and 1 inch.

No. 30. Per dozen boxes ..... \$2.50



COTTER PINS

Spring Cotter Pins in screw top cans, containing 100 of assorted sizes. Suitable for all kinds of light machine and automobile repair use.

No. 100. Per dozen boxes ..... \$2.30



U.S.S.—Set screws; contains 300 assorted from  $\frac{1}{4}$  to  $\frac{1}{2}$  inch, 25 sizes. Per case ..... \$8.00

U.S.S.—Cap screws; contains 300 assorted from  $\frac{1}{4}$  to  $\frac{1}{2}$  inch, 25 sizes. Per case ..... 11.00

S.A.E.—Cap screws; contains 300 assorted from  $\frac{1}{4}$  to  $\frac{1}{2}$  inch, 25 sizes. Per case ..... 12.00

Nut assortment; contains 325 assorted from  $\frac{1}{4}$  to  $\frac{1}{2}$  inch, in U.S.S., S.A.E. and castellated. Per case ..... \$10.00



MACHINE SCREWS AND NUTS

An assorted package, containing one half gross of milled round-head Machine Screws, with accurate threads and close-fitting hexagon nuts. The sizes range from  $\frac{1}{8}$  to  $1\frac{1}{2}$  inches in length, made from 6, 8 and 10-gauge stock, and are very handy for general repair work.

No. 72. Per box ..... \$1.30



LARGE SPRINGS

An assortment of larger and heavier Compression and Extension Springs, than No. 16B assortment, covering the everyday needs of a garage or machine shop. Sizes from 1 to 12 inches long, and from  $\frac{1}{2}$  to 1 inch, outside diameter, or wire from 20 to 12 gauge. Contains 50 springs.

No. 13A. Per assortment ..... \$3.00

All above are open stock.



SMALL SPRINGS

An assortment of brass and music wire Extension and Compression Springs, from 1 to 6 inches long, and from  $\frac{1}{4}$  to  $\frac{1}{2}$  inch outside diameter, of wire from 025 to 067 gauge. Suitable for carburetors, generators, air controls, vacuum systems, etc. Contains 50 springs.

No. 16B. Per assortment ..... \$3.00



# Automobile Screw Plates



No. 133-S.A.E. THREAD.

This Screw Plate is arranged especially for Ford Automobile use, but is also adapted for other cars. It contains one stock, 11-inch; seven dies, 1 1/2 in. diam., cutting as follows: 1/4 in.—28 thread, 5/16 in.—24 thread, 3/8 in.—24 thread, 7/8 in.—16 thread, 7/8 in.—20 thread, 1 1/8 in.—14 thread, and 1 1/2 in.—20 thread, one tap wrench, 10-inch, and seven plug hand taps to correspond with above dies. All in hardwood case, as shown. Weight 1 1/4 pounds.

Each ..... \$28.00



GENERAL PURPOSE

Designed for garage use, to handle any job; contents as below, fifteen 1 1/2 inch round adjustable dies cutting 1/4 x 20, 5/16 x 24, 3/8 x 24, 7/8 x 20, 1 1/2 x 20, 9/16 x 18, 5/8 x 18, S.A.E. Std. and 1 1/8 x 24, 1 1/4 x 20, 1 1/8 x 18, 3/4 x 16, 7/8 x 14, 1 1/2 x 13, 9/16 x 12, U.S. Std. and 1 1/4 inch pipe die. Fourteen plug hand taps matching above dies and one pipe tap 1 1/4 inch. Seven 9/16 inch Round adjustable dies cutting 2 x 56, 3 x 48, 4 x 36, 6 x 32, 8 x 32, 10 x 24, and 12 x 24, A.S. M. E. Std. seven plug machine screw taps matching above dies. One 7 inch stock for 9/16 inch dies; one 14 inch stock for 1 1/2 inch dies; one adjustable tap wrench No. 0 and one adjustable tap wrench No. 2. Packed in mahogany finished case.

Per set ..... \$60.00



No. 131-S.A.E. THREAD

This set will thread all the bolts and nuts in the "Yale", "Indian", "Harley-Davidson", "Excelsior", and "Thor", and other makes of motor cycles. The only combination put up expressly for this purpose, contents as follows: one 9 inch stock with six 1 inch dies cutting, 7/8 x 24-28, 1/2 x 24, 3/4 x 20-24, and 5/8 x 24, one 5 inch stock with six, 5/8 inch dies cutting, 1/4 x 20-24, 5/16 x 10-24-32 and 3/8 x 10-24-32. Ten taper hand taps cutting, 1/4 x 20-24-26, 5/16 x 24-28, 3/8 x 24, 1/2 x 24, 5/8 x 24, 1 1/2 x 20 R. L. Four machine screw taps cutting 5/16 x 10-24-32, and 3/8 x 10-24-32, one No. 9 tap wrench. Hardwood case. Weight each 5 1/2 lbs.

Per set ..... \$31.50



MASTER — S.A.E. AND U.S. THREAD

A useful set; without guides; contains the following: seven 1 1/2 inch round adjustable dies cutting 1/4 x 20, 5/8 x 18, 3/4 x 16, 7/8 x 14, 1 1/2 x 13, 9/16 x 12, and 1 1/4 x 11 S.A.E. Std. seven plug hand taps to match; one 14 inch stock for the above dies, and one No. 2 adjustable tap wrench; in hardwood case.

Per set ..... \$27.00

## Expanding Reamers

Genuine six blade Critchley expanding reamers, made of special alloy semi high speed steel; fitted to parallel slots in the shaft of the reamer. These slots are of sufficient depth that even when the blades are forced up to their extreme limit they will hold firmly and not spring out, the blades are bevelled on each end and are confined to their place by special nuts.

Set No. 10—Contains one each Nos. 20, 21, 22, 23, 24, 25, 26, 27, 28 and 29 in neat wood case as illustrated.

Per set ..... \$92.00

Sold separately as below:

Number	20	21	22	23	24	25	26	27	28	29
Expansion, inches	3/8 to 1/2	1/2 to 5/8	5/8 to 3/4	3/4 to 7/8	7/8 to 1	1 to 1 1/8	1 1/8 to 1 1/4	1 1/4 to 1 1/2	1 1/2 to 1 3/4	1 3/4 to 2
Each	\$ 8.00	8.00	8.00	8.60	8.60	9.00	9.00	10.00	10.40	12.60





## Chemical Products

**"SE-MENT-OL" RADIATOR CEMENT**

When poured into the warm water of the radiator it dissolves immediately. As it reaches the leak and strikes the air it congeals, forming an elastic repair which cannot be torn down by the action of the water or the vibration of the car. One can will repair a cooling system holding 12 gallons of water.

7 oz. Cans Powder, Per dozen ..... \$10.80  
10 oz. Cans Liquid, Per dozen ..... 10.80

**"MOHAIR" DRESSING AND LINING DYE**

Is made especially for Mohair and all top linings, thereby giving much better results than the ordinary dressing. It thoroughly dyes and water-proofs with one application. Restores the original black silken sheen, and gives newness to soiled and water stained linings.

Pint Cans ..... Per dozen \$16.00

**RIM AND GASKET SHELLAC**

"Norwesco" Rim and Gasket Shellac is a standard product of the best quality and excels in perfecting a gasket joint, cementing bicycle tires to their rims and as a protective coating on primary or secondary wiring.

2 Ounce Bottles ..... Per dozen \$ 3.60  
Half Pint Cans ..... Per dozen \$ 9.60

**LIQUO SEAL RADIATOR CEMENT**

A liquid containing no injurious ingredients and which quickly and effectively seals the leaks in radiators, boilers, piping etc. It is absolutely harmless to metals.

10 oz. Cans. Per dozen ..... \$10.80

**"NEATFOOT" CLUTCH AND BRAKE COMPOUND**

Restores clutch and brake facings of cork, leather or composition, causing them to grip with real stubbornness.

Pint Cans ..... Per dozen \$12.00

**TOP AND UPHOLSTERY DRESSING**

Makes old tops look new. This dressing is made especially for leather and pantosote, thereby giving much better results than the ordinary dressing. It preserves and waterproofs the material and gives a desirable egg-shell, flat black finish of great durability. It is elastic, does not crack or flake, and will not rub off or discolor the clothes.

Pint Cans ..... Per dozen \$16.00

**ENGINE ENAMEL**

Prepared exclusively for automobile motors in light grey color, heat proof, will not peel or crack off under the severest heat; dries quickly and leaves a smooth and durable surface.

Pint Cans, Per dozen ..... \$18.00

**SOLDERING PASTE**

An effective and positive non-corrosive soldering paste which can be used with any soldering flux; works freely on galvanized iron, lead, tinned steel, brass, copper and other metals.

3 ounce Cans, Per dozen ..... \$3.60

**CARBON REMOVER**

A practical and successful chemical to remove carbon deposit from cylinders, piston heads, rings and valves; keeps the engine in prime condition, increasing power, speed, and efficiency; full directions for use on the can.

Pint Cans, Per dozen ..... \$20.00



# WASHING BRUSH



No. 720

Fountain Spray Brush; connects with standard hose coupling; gives steady spray of water through the bristles filler as washing is being done; metal head; nickel plated; wire drawn filler; length of bristles 2 1/2 inches; diameter of brush 3 inches. Weight each 1/2 lb.

No. 720.....Each \$3.00

One in a box.

# CHAMOIS



## SELECTED

Finest quality; uniform grade; suitable for automobile or household use.

Size 12 x 16 inches	Each \$ .70
Size 15 x 20 inches	Each \$ 1.40
Size 18 x 24 inches	Each \$ 2.00
Size 20 x 26 inches	Each \$ 2.60

Thirty in a kip.

# SPONGES



## VELVET

Selected Velvet sponges, soft and tough; adapted for washing vehicles of all kinds. Packed in fibre cartons as below.

No. 13 - 13 to the box	Per box \$9.00
Each	\$ .80
No. 9 - 9 to the box	Per box \$9.00
Each	\$1.20
No. 6 - 6 to the box	Per box \$9.00
Each	\$1.80

# TIRE VENEER



Black Elastic quick drying tire coating; penetrates the pores and preserves the casing; improves the appearance and protects from deterioration when in use or in storage. Black only.

Pint cans.....Each \$16.00

# AUTO SOAP



Linseed oil soap; use with sponge and water for washing automobiles and other vehicles; does not injure the finish; but rather preserves the gloss.

2 1/2 lb. Tins	Each \$1.12
5 lb. Tins	Each \$2.40
25 lb. Tins	Each \$9.00
110 lb. Kegs	Each \$28.60

# AUTO POLISHES



Brilliant Lustre; produces a brilliant and lasting lustre on the varnished surfaces of a car; wipes free of oil and will not collect dust; preserves and beautifies.

8 ounce Bottles	Per dozen \$12.00
16 ounce Bottles	Per dozen \$20.00

# AUTO VARNISH



High quality body finishing varnish; dries quickly to a fine gloss and will give maximum wear and preserve the appearance of the car; for use over the enamel shown on this page.

Half pint cans	Each \$ .90
Pint Cans	Each \$ 1.65
Quart Cans	Each \$ 3.20
Half gallon Cans	Each \$ 6.25
Gallon Cans	Each \$12.10

# AUTO ENAMEL



A quick drying durable enamel; for re-finishing automobile bodies, fenders, etc., easily applied and one or two coats will give a splendid finish; supplied in the following shades, cream, yellow, gray, brown, wine, green, blue, vermillion and carmillion.

Size,	Regular Colors	Vermillion Carmillion
Half Pints	Each \$ .70	.90
Pints	Each \$ 1.30	1.65
Quarts	Each \$ 2.40	3.15
Half gallons	Each \$ 4.65	6.15
Gallons	Each \$ 9.00	12.00



Nonolio; wax polish; cleans thoroughly all dirt; grease, scum, or other accumulation from the varnish or enamel surface and leaves a thin invisible film of purest wax which polishes to a very high lustre. It dries quickly, is dustproof and waterproof and will preserve the finish over which it is applied. Unequalled for autos, carriages, pianos, furniture, white enamel surfaces and various other purposes.

8 ounce Tins	Per dozen \$ 8.00
16 ounce Tins	Per dozen \$13.50
32 ounce Tins	Per dozen \$21.00



## OIL CUPS



No. 70

A self-closing dustproof Oil Hole Cover, made from brass and nickel plated finish. Especially designed for use on spindle and spring shackle bolts.

Standard  $\frac{1}{8}$ -inch pipe thread connection and  $\frac{1}{2}$ -inch diameter of cap.

Size No. 70..... Per dozen \$ 3.00



No. 51

Spring cap Oil Hole Cover, dustproof and self-closing. It will not jar open or loose. Easily opened by spout of oil can, and automatically closes when released. Connection  $\frac{1}{8}$ -inch, pipe thread. Brass finish.

Size No. 51..... Per dozen \$ 3.00

## PRIMING CUP



No. 1

Upright pattern, cast brass; polished finish; long stem;  $\frac{1}{8}$ -inch pipe thread connection.

No. 1..... Per dozen \$ 8.00

## TRANSMISSION GREASE



Spedolene is manufactured from best quality Pennsylvania cylinder stock blended with scientifically prepared asbestos which in conjunction with other ingredients cushions the gears, prevents wear, and prolongs the life of equipment on which it is used. Suitable for transmissions, differentials, universal joints and various other bearings in motor cars, trucks and tractors. Lubricating qualities are not affected by climatic changes.

Spedolene in 5 lb.-tins.....	Per lb.	\$ .48
Spedolene in 25 lb.-tins.....	Per lb.	\$ .36
Spedolene in half barrels.....	Per lb.	\$ .33
Spedolene in barrels.....	Per lb.	\$ .30

## CUP GREASE



Velvet grease; suitable for cups, differentials, transmissions, alemite systems, etc; can be used in any grease gun; does not stiffen in cold weather so as to cause inconvenience in shifting gears.

1 lb. tins.....	Per lb.	\$ .50
5 lb. tins.....	Per lb.	\$ .44
10 lb. tins.....	Per lb.	\$ .40
25 lb. pails.....	Per lb.	\$ .36

## AUTO OIL



Spedol automobile oil; amber colored oil of medium body, for summer and winter lubrication, of gasoline motors; it has high lubricating qualities and will feed at low temperatures; specify whether medium or heavy grade is required.

1 gallon cans, 6 in case.....	Per gal.	\$ 3.40
4 gallon cans, 2 in case.....	Per gal.	\$ 2.60
Half barrels.....	Per gal.	\$ 2.20
Full barrels.....	Per gal.	\$ 2.10

## VALVE GRINDING COMPOUND



Diamond valve grinding compound; sharp cutting, non-greasy paste mixed ready for use; two grades in the combination tin; coarse grade for first application cuts rapidly and smoothly; fine grade for finishing and polishing; tins contain 6 ounces.

Per dozen cans..... \$8.00  
One dozen in a carton.



Carbtorundum grains and powders mixed with high grade grease or water, for grinding the valves of automobile and motor boat motors or other gasoline engines; also used for re-grinding steam, hydraulic and air valves; quick cutting; put up in combination cans in display carton as illustrated; state whether grease or water mixture is desired.

Per dozen..... \$10.20  
One dozen in a carton.

## ALCO-RENE



A concentrated solution of alcohol and glycerine compounded with an evaporating retardant; for protecting radiators in cold weather; will not injure the radiator or connections; contains no kerosene, sodium or calcium chloride; the liquid will not freeze at 35 degrees below zero and may be diluted with pure water according to the directions on each package.

One gallon cans.....	Per gal.	\$ 5.25
Five gallon cans.....	Per gal.	\$ 5.00
Half barrels.....	Per gal.	\$ 4.50
Barrels.....	Per gal.	\$ 4.30



## Gasoline Pump Outfits



No. 101

Carb or Roadway Pump. One gallon; double acting; continuous flow; discharges on both the up and down stroke of the piston; all valves are accessible; fully equipped with filter, meter, discharge register; hose draining valve, hose and nozzle; and electric light fixtures; capacity tested and government stamped.

Each..... \$550.00



No. 102

Carb or Roadway Pump; one gallon; single acting; specially adapted for garages and factories when a moderate priced outfit is required; serviceable and speedy; equipped with filter; hose and nozzle; foot valve, filler pipe; and locking cap; electric light can be supplied for this pump if ordered; tested and government stamped.

Each..... \$400.00



No. A

Self measuring pump for interior use; single acting; one gallon capacity; adjusted to measure pint, quart, half-gallon, and gallon at a stroke; a strong sturdy outfit for all uses in garages, storehouses, etc., where it is not exposed; equipped with filter, meter, stand-pipe, hose draining valve, hose and nozzle as shown in cut; tested and government stamped.

Each..... \$300.00

NOTE—For gasoline storage tanks suitable for above listed pumps see below.

### OIL TANKS



Made of heavy galvanized steel; strong and durable; screw cap opening at the top for filling and a lever handle faucet for drawing off contents at the bottom. 20 gauge steel.

Size Gallons	Diam. inches	Height inches	Price Each
30	18	30	\$18.00
45	24	30	\$21.50
55	24	36	\$23.00
85	30	36	\$27.00
140	34	46	\$36.00
200	34	60	\$45.00

### GASOLINE TANKS



Welded gasoline tanks for underground storage; anti-rust and acid proof; tested under air pressure and conforms to the board of Fire Underwriters requirements.

Capacity Gallons	Size feet	Gauge	Weight lbs	Price Each
100	2 1/2 x 4	16	120	\$ 60.00
150	2 1/2 x 6	16	175	\$ 70.00
250	2 1/2 x 6	16	200	\$ 80.00
300	2 1/2 x 8	14	300	\$100.00
450	3 1/2 x 8	14	400	\$120.00
500	3 1/2 x 8	12	585	\$180.00
750	3 1/2 x 12	12	800	\$240.00

### LUBRICATING OUTFIT



Steel tank; painted; pump discharges half-pint, pint or quart at each stroke; keeps the oil clean; prevents waste.

Capacity gallons	Price Each
50	\$120.00
100	\$140.00
150	\$160.00

NOTE—Crating will be charged extra on the items shown on this page.



Grain Elevators





# HOUSEHOLD SECTION



**UNIVERSAL**  
Electric Clothes Washer

No. E1930 Galvanized Tub.      No. E1940 Copper Tub.

**UNIVERSAL**  
Electric Vacuum Cleaner



No. 720 Without Attachments.  
No. 7201 With Attachments.

THE BRAND RENOWNED THE WORLD AROUND  
**UNIVERSAL**  
LANDERS, FRARY & CLARK, NEW BRITAIN, CONN., U.S.A.



# "UNIVERSAL" HOUSEHOLD APPLIANCES

ELECTRIC TOASTER



No. E947  
Reversible Bread-rack

ELECTRIC COFFEE URN



No. E9144 4 cup  
No. E9146 6 cup  
No. E9149 9 cup

ELECTRIC PERCOLATOR



No. E9635 5 cup  
No. E9637 7 cup  
No. E9639 9 cup

UNIVERSAL

POSTAL SCALE



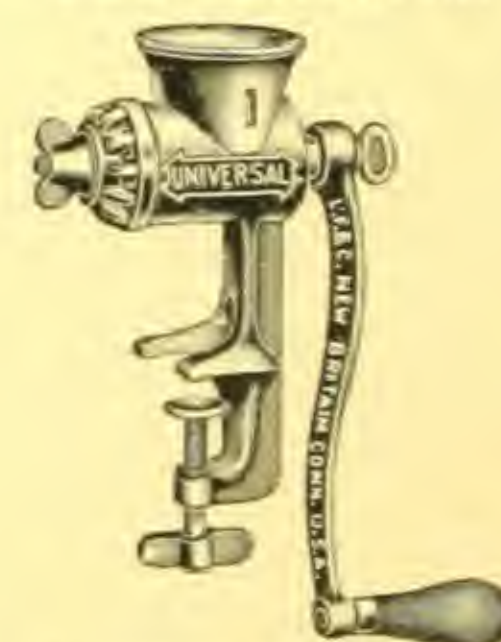
No. 2401  
To weigh 4 pounds  
by one-half ounces.

BREAD MIXER



Made in Three Sizes.

FOOD CHOPPER



Made in Four Sizes.

UNIVERSAL



## Washing Machines

### MONO-VAC ELECTRIC

Electric motor power vacuum cup operation; the single vacuum cup operates on all the clothes at once, pressing the air and suds through the clothes on the downward stroke and by the vacuum thus created sucks the water back through on the upward stroke; the cup is perforated to provide for the proper method of circulation; this action eliminates wear on the articles being washed and is effective on the heaviest as well as the finest fabrics; interior metal parts are of brass, bronze or aluminum, thereby being rust proof; the tub is made of selected cypress wood and mounted in tubular frame with ball bearing casters; the motor is  $\frac{1}{4}$  H. P. and of a special type suitable for the purpose; swinging wringer with quick safety release, and gears fully enclosed; can be operated independently of the machine; an adjustable fourth leg for setting the machine on uneven floors is also a convenience for draining off; capacity 6 to 8 sheets; weight 270.

Each ..... \$203.00

### UNIVERSAL ELECTRIC

Electric motor power; revolving cylinder style; simple rigid construction; all mechanism entirely enclosed; noiseless in operation; cylinder reverses every other revolution combining advantages of revolving and oscillating principle; latest improved safety features applied to washer, wringer, and motor; quick draining tub of heavy galvanized iron; the cylinder is made of heavy zinc and automatically stops with opening at top, well constructed wringer which will not operate unless latched in position; size of wringer rolls  $12 \times 1\frac{1}{4}$  inches; all gears are accurately milled and smooth running and the mechanism under perfect control at all times by a safety clutch; the cabinet is beautifully finished in blue grey enamel, and mounted on sturdy casters; further details on request; weight 325 lbs.

Each ..... \$275.00

### NEW CENTURY ELECTRIC

Electric motor power; oscillating tub; the tub movement is controlled by a lever and can be started or stopped instantly without shutting off the power; the stand is made of angle iron and is very rigid; with large casters; all gears and pulleys are protected; high grade  $\frac{1}{4}$  H. P. splash proof motor; the wringer will swing to any position and can be operated independently of the washer; high grade rubber rolls; enclosed cogs; cord and socket to attach any ordinary electric light socket; nicely finished in aluminum and natural varnish; weight each 290 lbs.

Each ..... \$224.00

### SEAFOAM ELECTRIC

Electric motor power; dolly type; all gears and fly wheel completely covered; cover can be raised without stopping the machine; the wringer has metal frame, high grade rolls; covered cogs and can be operated independently of the washer; the washer is equipped with  $\frac{1}{4}$  H. P. splash proof motor; cord attachment; and is mounted on ball bearing casters; sturdily built and well finished; weight 215 lbs.

Each ..... \$147.00

### NEW CENTURY JUNIOR

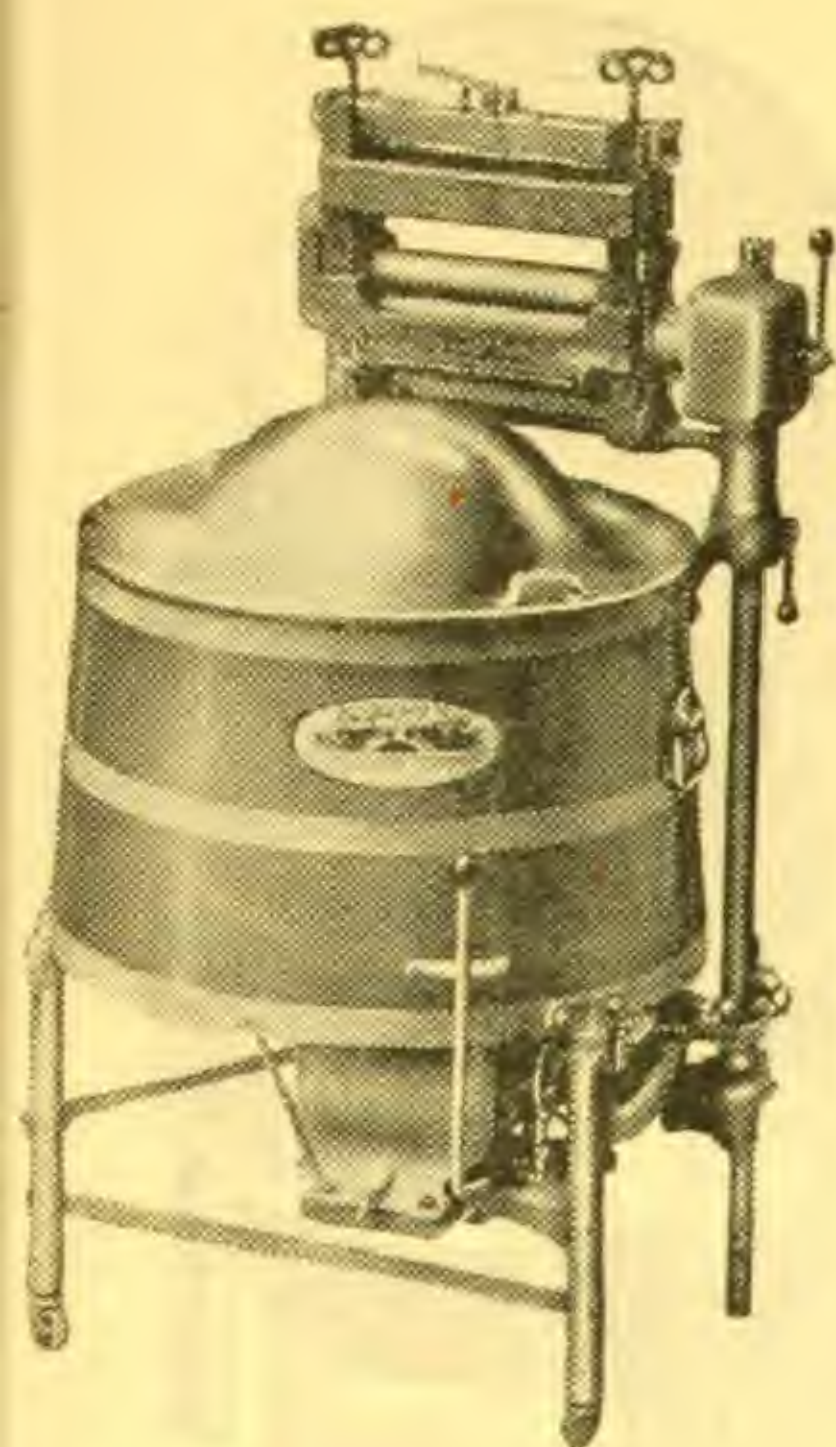
Hand power; swinging tub; rub board type; the tub is corrugated and operates against the cross bar cover shown in the cut which does not revolve; runs on ball bearings aided by powerful springs; supplied with wringer stand as illustrated; varnished finish with metal parts painted with aluminum; weight each 102 lbs.

Each ..... \$ 30.50

### IDEAL WATER POWER

Water motor power; dolly type; will operate satisfactorily on city water pressure; motors are the horizontal type, made entirely of brass and will operate on low pressure; carefully tested before shipment; base and connections to attach to ordinary  $\frac{1}{2}$  inch hose bibb supplied with each machine; finished in natural varnish and aluminum weight each 68 lbs.

Each ..... \$ 42.00





## Washing Machines



### PATRIOT

Hand power; lever drive; high speed gears; dolly type; cog gearing is enclosed; the balanced fly wheel is seated on ball bearings; cut gears; no friction; easy running; well constructed tub and legs properly bolted and braced; wringer stand; metal parts aluminum finished; wood parts varnished; weight 85 lbs.

Each ..... \$30.10

### HOME

Similar in operation, design and appearance to Patriot; weight 85 lbs.

Each ..... \$30.10

### VACUUM

Hand power; lever drive with foot stirrup; double vacuum cup action; high speed fly wheel underneath assists in the motion and makes this one of the easiest operating and most effective machines on the market; the cups can be adjusted on the center bar to permit of small or large washings; strongly made and nicely finished; weight each 125 lbs.

Each ..... \$39.20



### NEW CHAMPION

Hand power; lever or crank drive; dolly type; large fly wheel; high speed protected gears; heavy tub corrugated inside and with stout well braced legs; wringer bracket; hinged cover; metal parts finished in aluminum and gold; wood parts mahogany. Weight each 90 lbs.

Each ..... \$30.10

### MAGNET

Hand power; lever drive can be used standing or sitting; dolly type; high speed balance wheel movement; gears are attached to the side of the tub; no heavy weight on the cover; the tub is supported by sturdy legs and equipped with wringer bracket; metal parts finished in enamel and aluminum, and wood parts varnished. Weight 91 lbs.

Each ..... \$30.10



### SNOW BALL

Hand power; crank fly wheel drive enclosed gear; dolly type; heavy tub corrugated inside; strong legs bolted to the tub and well braced; wringer bracket; fly wheel finished in blue enamel; other metal parts in aluminum, and wood parts varnished; weight each 80 lbs.

Each ..... \$27.30

### PURITAN

Similar in operation, design and appearance to Snowball; weight 75 lbs.

Each ..... \$27.30

### NOISELESS

Hand power; lever drive; no gears, springs or other intricate mechanism to get out of order; easy and smooth running; dolly type; the tub is corrugated inside and supported on strong well braced legs; wringer bracket; attractive finish; weight crated 72 lbs.

Each ..... \$24.50





# Wringers



## ROYAL CANADIAN

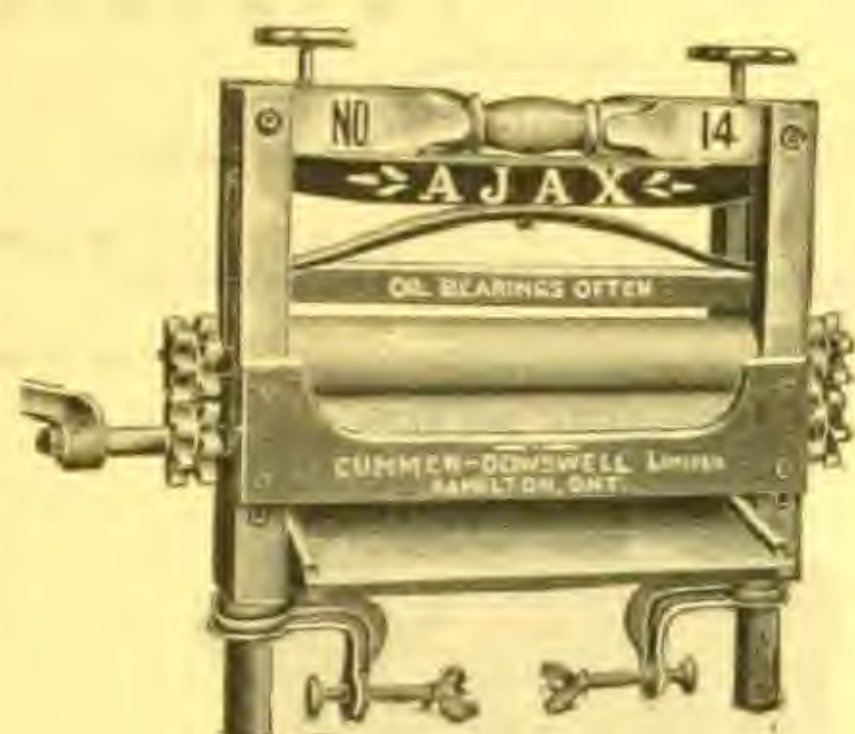
Zinc coated metal bearings; flat steel spring; folding apron; positive clamping device; standard rubber rolls warranted for one year; size of rolls 11 x 1 3/4 inches; select hardwood frame; varnished; weight per dozen 268 lbs.

Per dozen.....\$123.20

## RAPID

Zinc coated metal bearings; covered cog wheels; flat steel spring; folding apron; sure grip tub clamps; standard rubber rolls warranted for one year; size of rolls 11 x 1 3/4 inches; select hardwood frame; varnished weight per dozen 272 lbs.

Per dozen.....\$120.40



## AJAX

Zinc coated metal bearings; flat two leaf spring; reversible water board; sure grip tub clamps to open 2 inches; high grade rolls warranted for two years; size of rolls 14 x 2 1/4 inches; heavy frame; varnished finish; weight per dozen 564 lbs.

Per dozen.....\$288.40

## EZE

Steel ball bearings; covered cog wheels; flat steel spring; folding apron; sure grip tub clamps; standard rubber rolls, warranted for one year; size of rolls 11 x 1 3/4 inches; select hardwood frame; varnished; weight per dozen 280 lbs.

Per dozen.....\$130.00



## BICYCLE

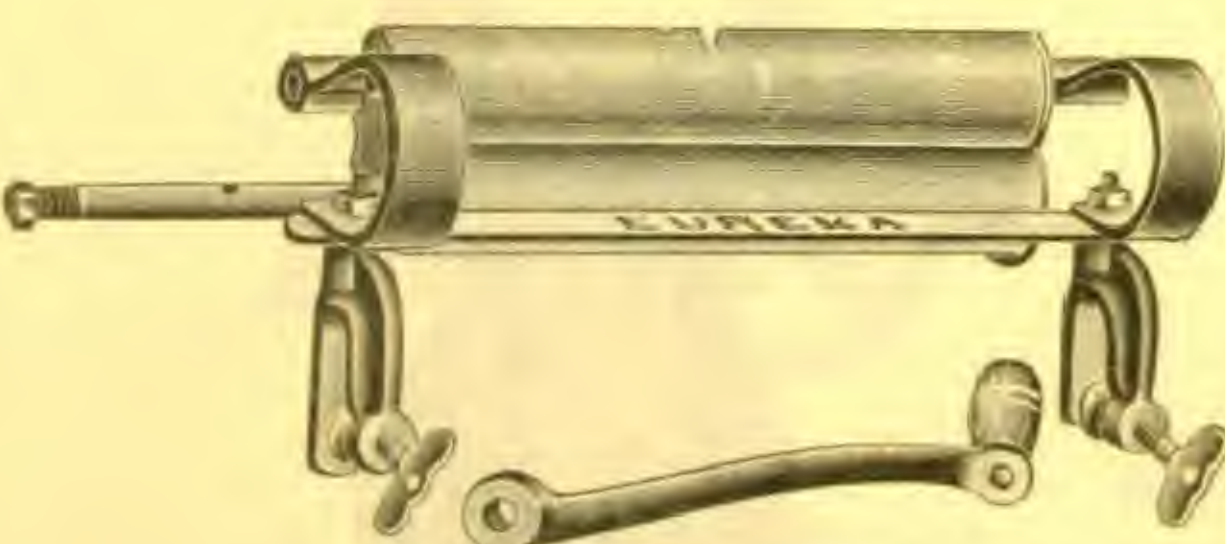
Steel ball bearings; covered cog wheels; flat steel spring; folding apron; sure grip tub clamps; high grade rolls, warranted for three years; size of rolls 11 x 1 3/4 inches; select hardwood frame, finished in blue enamel and natural varnish; weight per dozen 280 lbs.

Per dozen.....\$133.00

## WARRANTY

Steel ball bearings; covered cog wheels; flat steel spring; folding apron; sure grip tub clamps; special grade rolls, warranted for five years; size of rolls 11 x 1 3/4 inches; select hardwood frame, finished in red enamel and natural varnish; weight per dozen 280 lbs.

Per dozen.....\$140.00

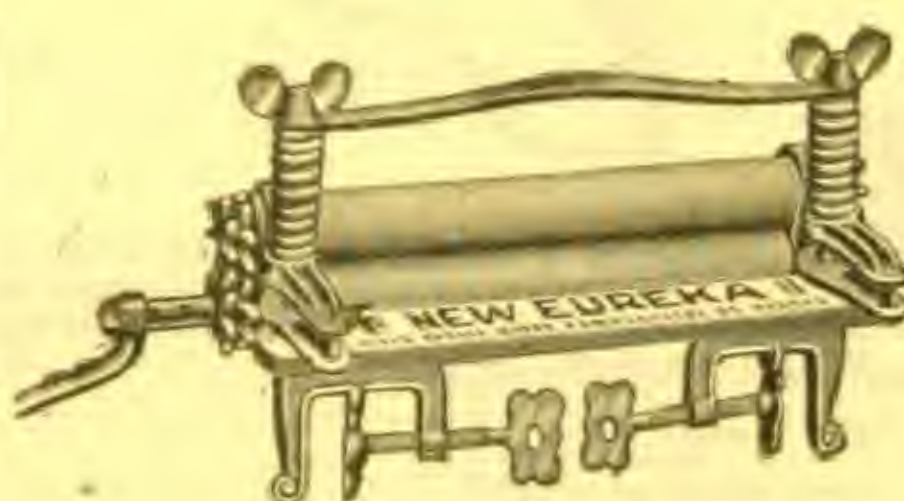


## EUREKA

Zinc coated all metal frame; horseshoe steel springs; sure grip clamps; standard rubber rolls, warranted for one year; size of rolls 11 x 1 3/4 inches; weight per dozen 166 lbs.

Per dozen.....\$88.20

One half dozen in a case.

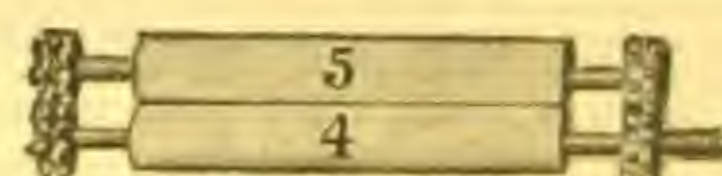


## NEW EUREKA

Zinc coated malleable iron frame; spiral springs; sure grip clamps; standard rubber rolls, warranted for one year; size of rolls 11 x 1 3/4 inches; weight per dozen 248 lbs.

Per dozen.....\$120.40

One quarter dozen in a case.



## WRINGER ROLLS

Standard grade of white rubber rolls on shafts with cog wheels complete suitable for wringers with exposed cogs; size of rubber 11 x 1 3/4 inches; weight per pair 7 1/2 lbs.

Per pair.....\$32.20

Open stock.





## FOLDING WASH BENCH

Varnished hardwood frame; zinc coated fittings; reversible water board folds up compactly; will hold two tubs or basket and tub when in use; with accommodation also for wringer; weight per dozen 320 lbs.

Each ..... \$ 7.40

## FOLDING BENCH WRINGER

Varnished hardwood frame; zinc coated fittings; reversible water board; will hold two tubs as illustrated and is equipped with a Bicycle wringer as described on the foregoing page; weight per dozen 520 lbs.

Each ..... \$18.10



## CLOTHES LINES



## COTTON

Three strand; twisted; uniform in quality and strength.

Length, feet.....	30	40	48
Weight per dozen, lbs.....	2 3/4	4 1/2	5
Per dozen.....	\$5.00	6.20	7.40

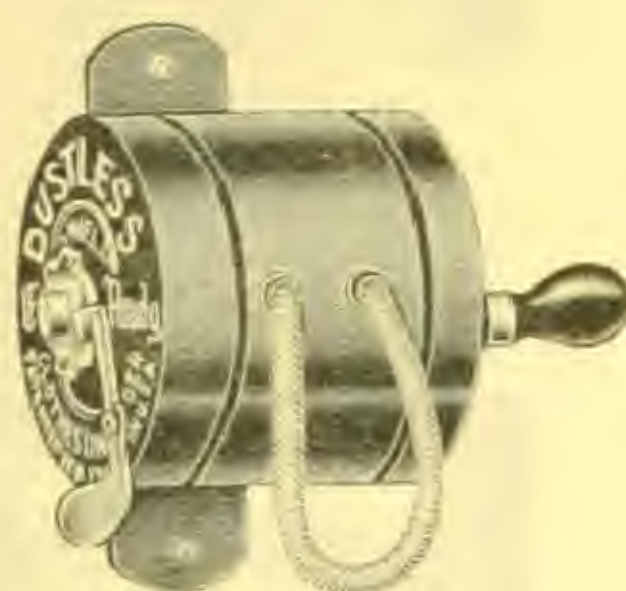
One dozen in a handle.

## SISAL

Three strand; twisted.

Length, feet.....	30	50
Weight per dozen, lbs.....	2 1/2	3 3/4
Per dozen.....	\$2.00	3.20

One dozen in a handle.



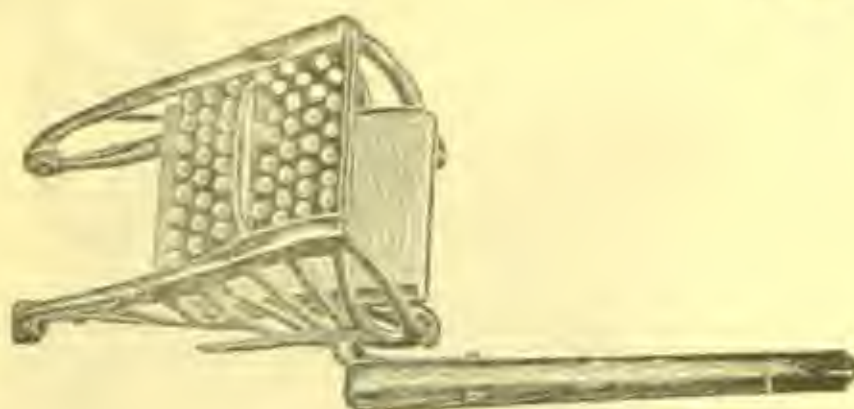
## DUSTLESS

Metal case enclosing and keeping clean 40 feet of braided cotton line; for outdoor or interior use; winds up when not in use.

Per dozen..... \$10.50

One in a carton.

## MOP WRINGERS

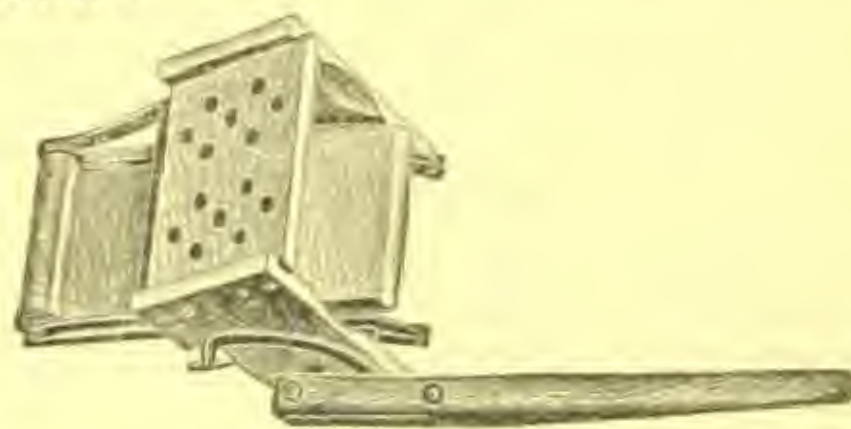


## Iron Frame

White Mop Wringers; fits any wood, steel or fibre pail; wrings easily and thoroughly; front and back made of 3/4 inch maple; Nos 1 and 3 have iron ends and No. 2 has wood ends. Coppered wire springs; long lever; malleable iron castings.

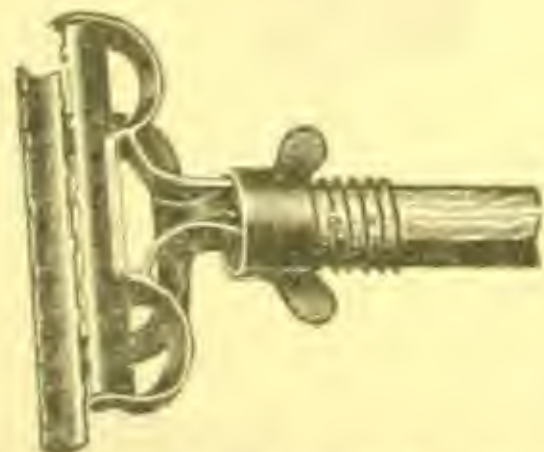
Number.....	112	1	2	3
Size.....	small	large	large	small
Style of frame.....	iron	iron	wood	iron
Weight per dozen, lbs.....	200	135	80	200
Per dozen.....	\$57.20	80.00	54.00	66.60

Four in a crate.



## Wood Frame

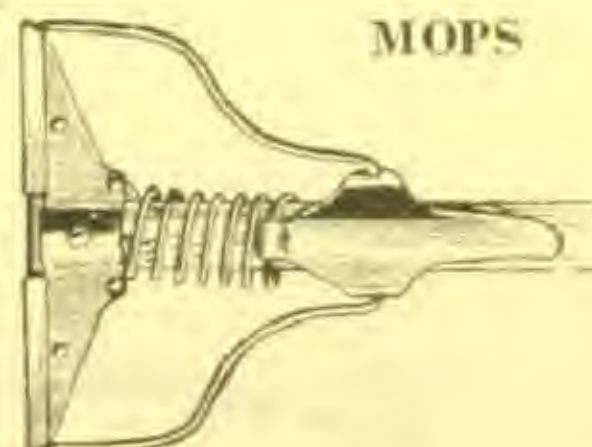
## MOPS



No. 4—Combination Stick and Brush Holder; holds any scrub brush; opened and closed by threaded wing nut; coppered castings; red stained handle; length of handle 4 feet; width of head 5 1/4 inches. Weight per dozen 21 lbs.

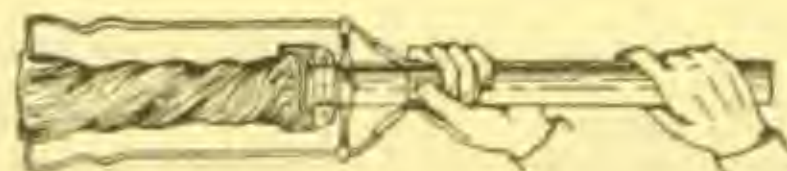
Per dozen..... \$ 8.00

Dozen in handle.



No. 8—Standard Pattern; spring and lever action; wire mop holder; coppered steel wire springs; length of handle four feet; width of head 6 inches. Weight per dozen, 20 lbs.

Per dozen..... \$ 3.80



Self-Wringing, by Twisting Handle in Frame; japanned malleable iron castings; coppered wire extension mop holder; extension 18 inches; width 5 1/2 inches; length of handle 4 feet; extra heavy yarn mop cloth. Weight per dozen 28 lbs.

Per dozen.....

Extra Cloths for same

One dozen in handle.

Per dozen \$ 9.50

Per dozen \$ 4.10



## WIRE

No. 19—Galvanized; 19 gauge; diameter 3/16 of an inch.

Length of coil, feet.....	50	100	500	1000
Weight per coil, lbs.....	1 1/2	3	15	30
Per coil.....	\$ .60	1.00	4.80	9.50

Open stock.

## CLOTHES PINS

Spring clothes pins, 2 gross in a box; weight per box 7 1/2 lbs.

Per box..... \$ 3.00

Common clothes pins, 5 gross in a box; weight per box 19 lbs.

Per box..... \$ 3.00

## MOP PAILS



## WOOD PAIL

Eagle mop pails; self-wringing; white cedar pail, waterproofed; three hardwood rollers; steel frame with foot lever; electric welded hoops; wire bale handle.

Size.....	Domestic	Standard	Janitor
Capacity quarts.....	10	14	22
Weight per doz., lbs.....	110	130	188
Each.....	\$5.25	5.60	7.15

Open stock.



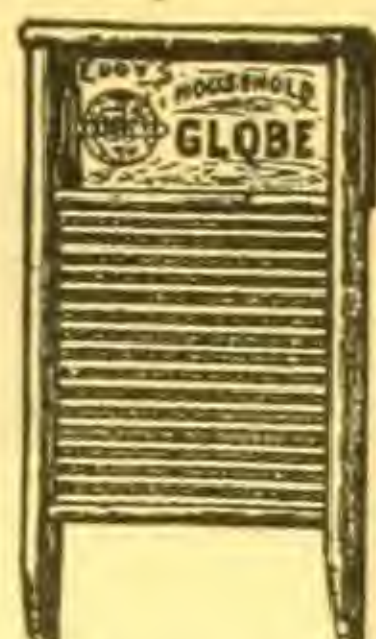
Crescent—Combination Brush and Cloth Mop-Stick; brush-holding hook swings parallel to head when used as common mop; held rigidly out of the way; spring and lever action; coppered cast iron head; wire mop holder; coppered steel wire springs; red stained handle; length of handle 48 inches; weight per dozen about 20 lbs.

Per dozen..... \$ 6.90

One dozen in handle.



# Washboards



Child's; small size; zinc front; clear frame; size 6½ x 16 inches; Weight per dozen, 12 lbs.  
Per dozen ..... \$ 4 90

Waverly; size 12½ x 24 inches; Weight per dozen, 30 lbs.  
Per dozen ..... \$10 50

Household Globe; zinc front; close back; clear frame; size 12½ x 24 inches; weight per dozen, 30 lbs.  
Per dozen ..... \$10 50

Standard; zinc front; medium quality. Per dozen ..... \$ 9 00

Two In One; zinc front; close back; clear frame; size 12½ x 24 inches; weight per dozen, 30 lbs.  
Per dozen ..... \$10 50

Three In One; similar to above. Per dozen ..... \$10 50

Twin Beaver; corrugated fibre-ware; front; open back; select frame; size 12½ x 24 inches; weight per dozen, 33 lbs.  
Per dozen ..... \$11 80

Glass; clear crystal front; open back; select frame; size 12½ x 24 inches; weight per dozen 48 lbs. Per dozen ..... \$15 00

Half dozen in a bundle.

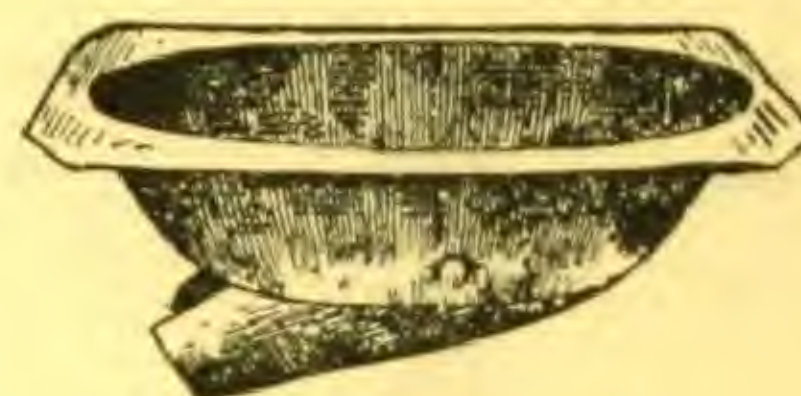
## EGG CRATES



## NEST EGGS



## HENS' NESTS



Humpty Dumpty; capacity 12 dozen; style as illustrated; complete with fillers. Per dozen ..... \$13 50  
Buggy; capacity 12 dozen; low style to slide under the seat of a buggy; complete with fillers.  
Per dozen ..... \$13 00  
Shipping; capacity 30 dozen; standard style; complete with fillers. Each ..... \$ 1 60

Non-breakable; sanitary; exact imitation; weight per gross 15 lbs.  
Per gross ..... \$ 6 00

Open Stock.

Magic; made of metal throughout; not affected by dampness or vermin; prevents destruction of the eggs; easily installed; weight per dozen 9 lbs.  
Per dozen ..... \$13 00

## WELL WHEELS



## MILKING TUBES



Rival; non-corrosive white metal; sanitary and not injurious to the animal; length 3 inches; weight per dozen 2 ounces. Per dozen ..... \$ 3 00  
One dozen in a box.

## OILCLOTH BINDING



Brass or zinc; turned edge; corner plates and nails supplied; width ½ inches.  
Number ..... 44 64 84  
Yards in a set ..... 4 6 8  
Weight per dozen sets ..... 3½ 5 6½  
Brass—Per dozen ..... \$ 3 30 5 00 6 70  
Zinc—Per dozen ..... \$ 1 69 2 50 3 30

## LINOLEUM SEAM BINDING

Brass or Zinc; flat strip; no corners; 50 yards in a box; widths as below:  
Width, inches ..... ¾ ¾ ¾ ¾  
Weight per box, lbs. .... 3½ 4 4½ 5½  
Brass—Per box ..... \$ 3 30 4 20 4 50 5 20  
Zinc—Per box ..... \$ 1 70 2 80 3 30 3 80

Cast Frame; Cast Wheel; swivel hook japanned finish.  
Diameter, wheel, inches ..... 6 8  
For rope, inches ..... 1½ ¾  
Weight per dozen, lbs. .... 32 42  
Per dozen ..... \$15 00 22 00

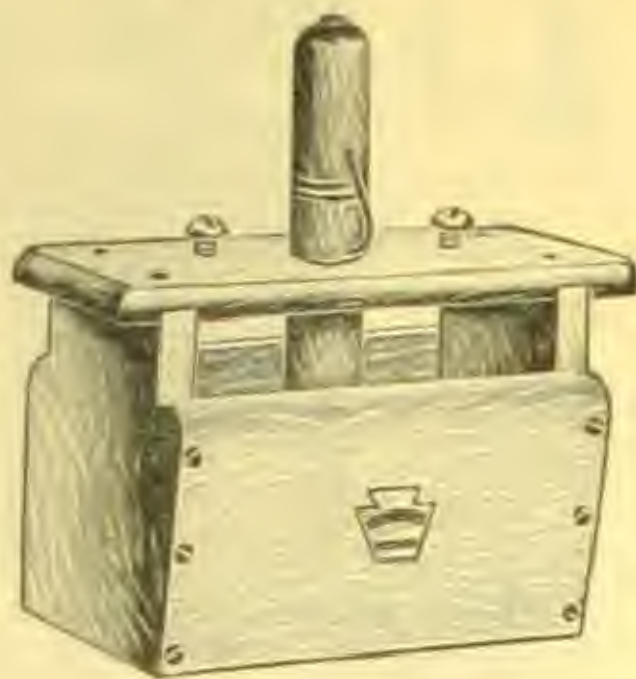
Steel Frame; Cast Wheel; swivel hook, japanned finish.  
Diameter, wheel, inches ..... 4 6 8 10 12  
For rope, inches ..... ¾ 1½ ¾ ¾ ¾  
Weight per dozen, lbs. .... 21 26 32 40 52  
Per dozen ..... \$11 00 14 50 16 80 21 60 26 40

Open Stock.



## Woodenware

## BUTTER MOULDS



No. 4—For making 1 pound square bricks of butter; maple; assorted designs; adjustable; weight per dozen 15 lbs.

Per dozen ..... \$ 5.00

Open stock.

## ROLLING PINS

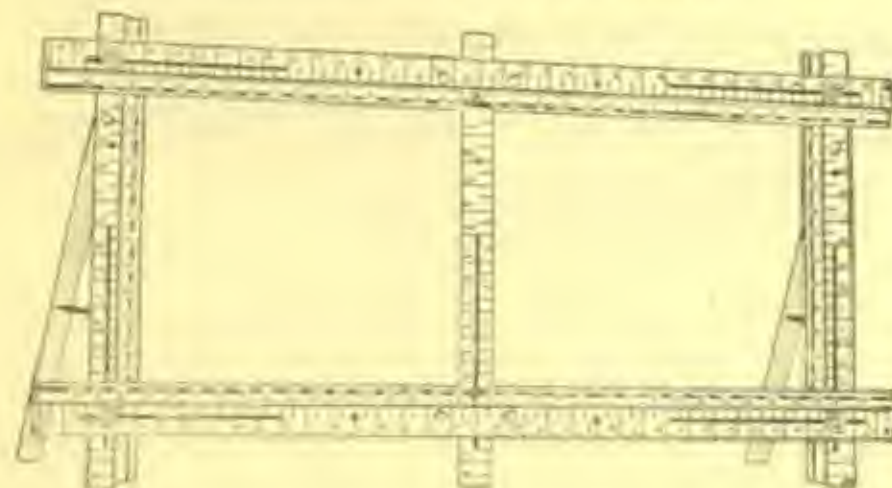


No. 2—Hard maple; enamelled revolving handles; size 12 x 2 1/2 inches; weight per dozen 30 lbs.

Per dozen ..... \$ 6.00

One dozen in a crate.

## CURTAIN STRETCHERS



Special; folding; adjustable in length and width; size 6 x 12 feet; made from good quality timber; solid pins; without stand; weight per dozen 160 lbs.

Per dozen ..... \$45.00

No. 222—Select timber; movable pins; with stand as shown in cut; otherwise as the special; weight per dozen 175 lbs.

Per dozen ..... \$86.00

Half dozen in a crate.



## SALT BOXES

No. 8330—Select hardwood; narrow staves of light and dark wood; turned and sanded surface; neat design; weight per dozen 15 lbs.

Per dozen ..... \$8.50

Open stock

## BUTTER LADLES



Anderson; hard maple; paraffin finish; length 8 inches; width 5 inches; weight per dozen 2 1/2 lbs.

Per dozen ..... \$ 4.00

Open stock.

## BUTTER SPADES

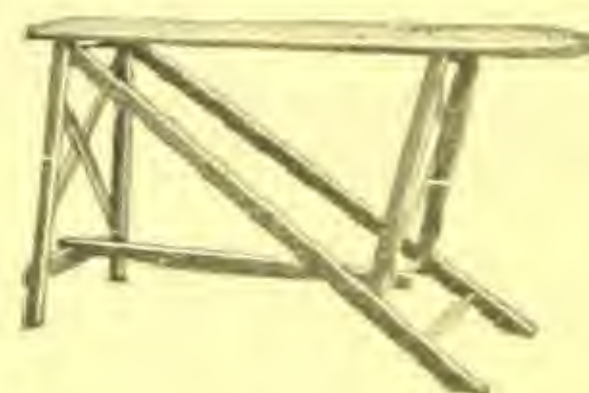


No. 6—Grooved; hard maple; paraffin finish; size 3 x 10 inches; weight per dozen 2 lbs.

Per dozen ..... \$ 1.50

Open stock.

## IRONING BOARDS



No. 35—Folding stand; hardwood legs; basswood top; size of top board 56 x 14 inches; very rigid and strong; weight each 25 lbs.

Each ..... \$ 4.00

No. 36—Same as No. 35 but with swinging sleeve board attached; weight each 28 lbs.

Each ..... \$ 5.00

Two in a bundle.

## BUTTER BOWLS



Selected maple; waxed and polished.

Diameter, inches	14	13	15
Weight per dozen, lbs.	18	25	40
Per dozen	\$ 5.00	13.00	22.00

Diameter, inches	17	19
Weight per dozen, lbs.	65	70
Per dozen	\$39.00	58.00

Half dozen in a crate.

## WOOD SPOONS



No. 15—Clear white wood; turned and sanded; length 15 inches; weight per dozen 2 lbs.

Per dozen ..... \$ 2.00

Open stock.

## POTATO MASHERS



No. 2—Turned from selected hardwood; length 10 inches; weight per dozen 10 lbs.

Per dozen ..... \$2.50

Open stock.

## DISH MOPS



Cotton thread swab; plain hardwood handle.

Size	medium	large
Weight per dozen, lbs.	11 1/2	2 1/4
Per dozen	\$ .90	1.30

One dozen in a bundle.

## EGG TIMERS



No. 7421—Select hardwood; turned one piece frame; varnished finish; reliable three minute glass; height 4 inches; weight per dozen 1 1/2 lbs.

Per dozen ..... \$3.50

One dozen in a box



DAZEY GLASS



Churns

BARREL



LADD GLASS



Sanitary; Clean; Quick; Profitable; extra heavy clear glass jar with smooth-finished top; steel screw cap heavily nickel plated; white maple dasher; lined steel dash rod, rust proof; frame cast in one piece; natural finish; wood handle; gears fitted to run smooth and noiseless; all castings double aluminum coated; proper temperature had quickly and accurately by setting churn in warm or cold water.

Numbers	20	30	40
Size, pints	5	7	9
Churning capacity, pints	3	4	5
Height, inches	12	13	14
Weight, each, lbs	5	6	7
Each	\$2.90	3.70	4.90
Extra Jars, each	\$1.00	1.50	1.80

Open stock.

Favorite; seasoned oak barrel; steel frame; ball bearing; cork laid cover; metal parts coming in contact with cream are galvanized; lever drive; foot pedal; easily cleaned.

Number	0	1	2	3	4
Capacity, gals	7	9	15	20	25
Churns, gals	3	4	7	9	12
Weight, lbs	50	55	60	70	85
Each	\$21.60	21.60	23.00	24.20	28.90

Open stock.

Sanitary; easily cleaned; heavy fluted glass urn; brass top; nickel plated finish; the top is easily removed; strong and well made; can be used as a mixer, beater, churn or butter merger.

Numbers	1	2
Capacity, pints	2	3
Weight, each, lbs	4	5 1/2
Each	\$5.00	7.00

One in a carton.



LADD

All steel; nickel plated; direct centre drive; eight heating blades; durable.

Number	1	2
Size	Home	Hotel
Weight per dozen, lbs	6 1/2	9
Per dozen	\$12.00	14.50

One dozen in a box.

Egg Beaters



DOVER

Malleable frame; steel blades; nickel plated; four heating blades; frame lacquered finish.

Number	100	150
Size	Home	Hotel
Weight per dozen, lbs	4 1/2	10
Per dozen	\$4.20	7.00

One dozen in a box.



SURPRISE

Retinned wire frame; 14 gauge; woven retinned wire beater; length over all 10 1/2 inches; size of beater 2 3/4 x 3 3/4 inches; weight per dozen 1 1/2 lb.

Per dozen	\$ .80
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One dozen in a package.

Can Openers



No. 7-I. X. L. Metal handle; crucible steel oil tempered blade; full nickel plated; weight per dozen 1 1/2 lbs.

Per dozen	\$1.50
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No. 3-Kingston; all steel; with cork screw; tempered steel blade; nickel plated finish; weight per dozen 1 1/2 lbs.

Per dozen	\$1.80
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No. 1-The Best; all steel; with cork screw, bottle opener, and milk bottle cap lifter; nickel plated finish; weight per dozen 1 1/2 lbs.

Per dozen	\$2.70
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No. 13-Perfection; chromized handle; steel frame and tempered cutters; for round or square tins; with bottle opener; all metal parts nickel plated; weight per dozen 2 lbs.

Per dozen	\$3.00
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No. 11-All around; black rubberoid handle; best quality steel blades; heavy steel frame, and ferrule; for round or square cans; suitable for restaurant or hotel use; length over all 10 1/2 inches; weight per dozen 3 1/4 lbs.

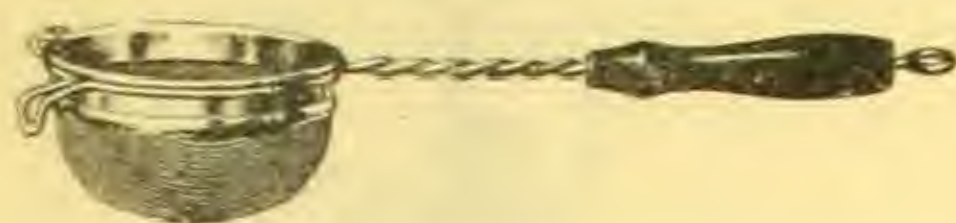
Per dozen	\$6.00
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All above packed one dozen in a display box.



## Wire Goods

## TEA STRAINERS



No. 801—Number 30 twilled mesh cloth; black enamelled handle; diameter of bowl 2½ inches; weight per dozen 1 lb.  
Per dozen ..... \$2.50

## BOWL STRAINERS

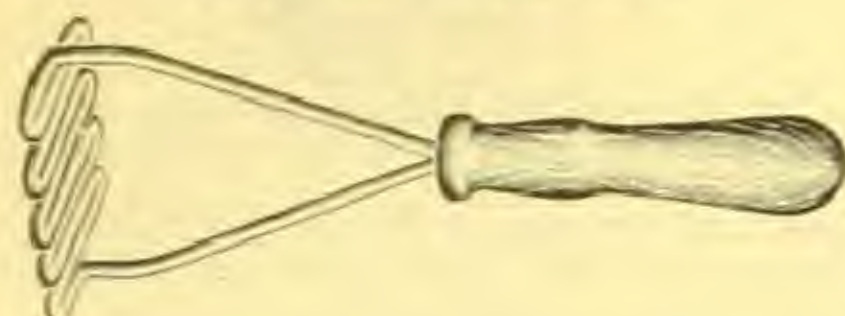


No. 729—Number 18 plain mesh cloth; wire handle; diameter of bowl 5 inches; depth 2¼ inches; weight per dozen 2 lbs.  
Per dozen ..... \$2.70  
One dozen in a box.



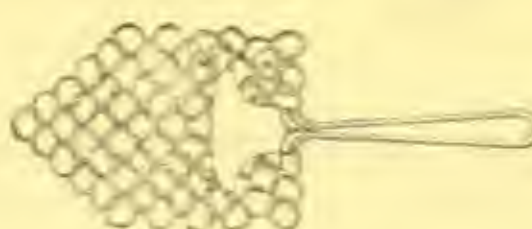
No. 930E—Number 30 twilled mesh cloth; enamelled wood handle; diameter of bowl 5 inches; depth 2¼ inches; weight per dozen 2½ lbs.  
Per dozen ..... \$3.00

## POTATO MASHERS



No. 305—Number 8 wire; maroon enamelled handle; size of base 4 x 3 inches; weight per dozen 3 lbs.  
Per dozen ..... \$2.50

## POT CLEANERS



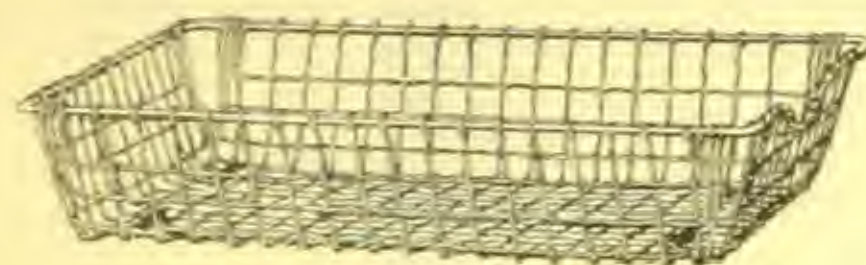
No. 429—Double ring; tempered steel wire; bright finish; weight per dozen 3 lbs.  
Per dozen ..... \$2.80  
One dozen in a box.

## EXTENSION STRAINERS



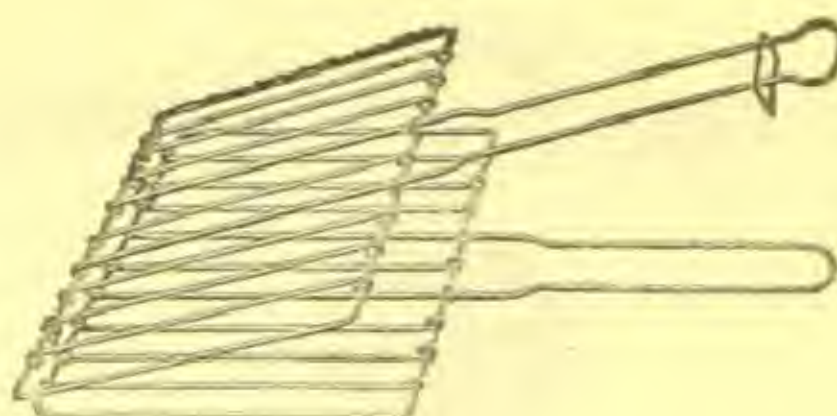
No. 715—Number 18 mesh frame; retinned wire frame; diameter of bowl 5 inches; depth 2¼ inches; weight per dozen 4½ lbs.  
Per dozen ..... \$4.00

## LETTER TRAYS



No. 148—Tinned wire; ¾ inch mesh; frame is made of number 11 wire; mesh of number 18 wire; weight per dozen 3 lbs.  
Per dozen ..... \$6.50

## TOASTERS



Retinned wire frame; handle and frame number 13 wire; bars number 16 wire.  
Size, inches ..... 9 x 8    9 x 10  
Weight per dozen, lbs ..... 5    6  
Per dozen ..... \$5.00    6.00  
One dozen in a package.

## WASTE PAPER BASKETS



No. 255T—Retinned wire; 1½ inch mesh; tin bottom; 18 gauge wire; height 12 inches; diameter at top 15 inches; diameter at bottom 10 inches; weight per dozen 13 lbs.  
Per dozen ..... \$13.50

## KITCHEN FORK



No. 515—Bright steel tines; oak finished handle; length over all 11¼ inches; weight per dozen 3½ lbs.  
Per dozen ..... \$2.50

## MIXING SPOON



No. 343—Retinned bowl; rubberoid finished handle; 3/16 inch shank; length over all 12 inches; weight per dozen 2½ lbs.  
Per dozen ..... \$3.50

## CORN POPPER



No. 1—Plain steel wire mesh; stained wood handle; size 7 x 4¼ x 2 inches; capacity one quart; weight per dozen 6 lbs.  
Per dozen ..... \$6.00  
Open stock

One dozen in a box.

## Cake Turners



No. 1—Plain bright steel blade; oak finished handle; size of blade 4¼ x 3¼ inches; length over all 15 inches; weight per dozen 2½ lbs.  
Per dozen ..... \$2.10



No. 71—Perforated bright steel blade; oak finished handle; size of blade 4¼ x 3¼ inches; length over all 15 inches; weight per dozen 2½ lbs.  
Per dozen ..... \$2.40

One dozen in a box.



## Garment Hangers



No. 16—Wood; plain finish; length 17 inches; weight per dozen 4½ lbs.

Per dozen..... \$3.00



No. 37—Coppered wire; gauge of wire 11; length 17 inches; weight per dozen 1½ lbs.

Per dozen..... \$1.00



No. 19—Tinned wire; gauge of wire 10; length 17 inches; length when folded 9 inches; weight per dozen 3 lbs.

Per dozen..... \$2.00

## CURLING IRONS



Polished steel jaws; natural finished hardwood handles; tempered steel springs.

Style.....	A	B	C
Length, inches.....	9½	7½	6
Diam. of rod, inches.....	¼	¼	⅜
Weight per dozen, lbs.....	3	2¾	1
Per dozen.....	\$3.00	2.60	2.40



NIAGARA; nickel plated steel; length over all 9½ inches; diameter of rod ⅜ inch; weight per dozen 3½ lbs.

Per dozen..... \$6.00



MANHATTAN; nickel plated steel; length over all 8½ inches; diameter of rod ⅜ inch; size of plate 3¼ x 1½ inches; weight per dozen 3½ lbs.

Per dozen..... \$5.50

One dozen in a box.

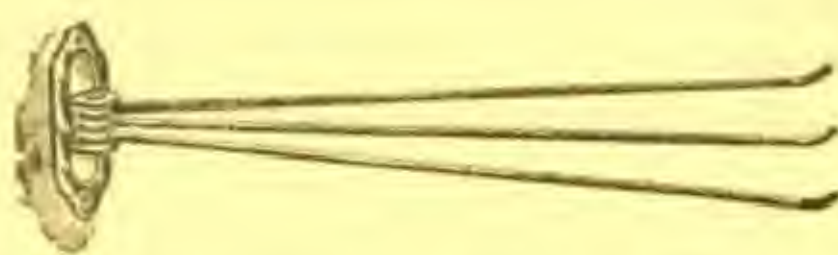
## TOWEL RACKS



Tourist; nickel plated steel jaws; pointed ends; length over all 9½ inches; folds to 5½ inches; diameter of rod ¼ inch; weight per dozen 3 lbs.

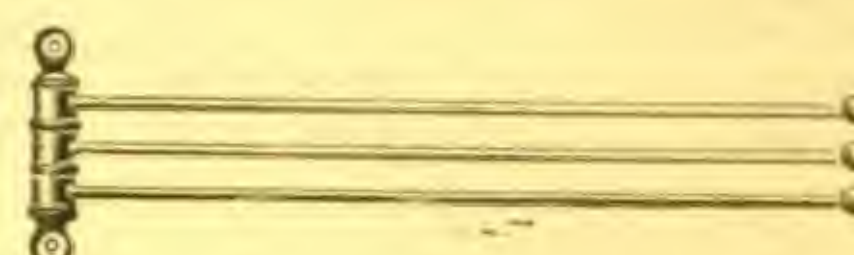
Per dozen..... \$4.50

One dozen in a box.



No. 263—Nickel plated steel arms and back; three arms; size of arms 11¼ x ⅝ inches; weight per dozen 4½ lbs.

Per dozen..... \$3.50

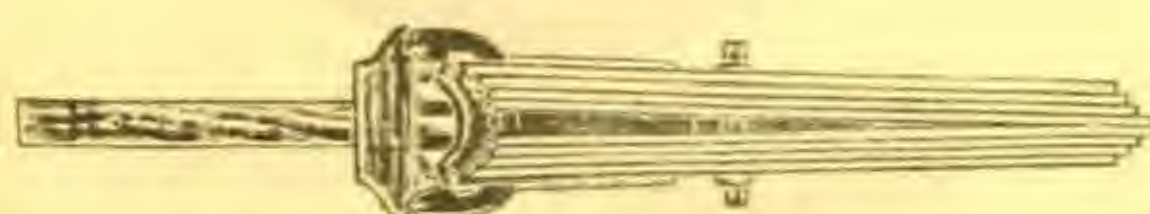


No. 3—Nickel plated steel arms and back; three arm; size of ball tipped arms 12¼ x ⅝ inch; weight per dozen 5 lbs.

Per dozen..... \$7.50

One dozen in a box.

## CLOTHES DRYERS



Handy; Eight arm; length of arms 28 inches; made of selected hardwood; metal bracket; folds down when not in use; weight per dozen 30 lbs.

Per dozen..... \$30.00

Open stock.



Monarch; six arm; length of arms 18 inches; nickel plated steel bracket; folds down when not in use; weight per dozen 10 lbs.

Per dozen..... \$12.50

## TOWEL ROLLERS



Climax; steel end brackets; nickel plated finish; hardwood rollers and cross bars; antique oak finish; length over all 18 inches; weight per dozen 8 lbs.

Per dozen..... \$4.30

One dozen in a box.



## Household Goods

## POTATOE RICER



No. 1—Silver; seamless steel bowl; retinned bowl; japanned steel handle; weight per dozen 22 lbs.

Per dozen ..... \$8.00

Open stock.

## LEMON REAMER



SMALL—Clear moulded glass; for use with tumbler; weight per dozen 5 lbs;

Per dozen ..... \$1.60

LARGE—Clear moulded glass; has lipped saucer with handle and also seed rack; weight per dozen 11 lbs.

Per dozen ..... \$2.40

Half dozen in a box.

## BREAD BOARD



No. 60—Clear select hardwood; turned and sanded; diameter 11 inches; weight per dozen 20 lbs.

Per dozen ..... \$ 6.00

No. 2001—Selected whitewood; clear of knots and uniform color; carved edge and etched "Bread" diameter 11 inches; weight per dozen 22 lbs.

Per dozen ..... \$18.00

Half dozen in a bundle.

## BREAD MAKERS



Heavily retinned; speedy; sanitary, and easy to operate; sizes as below.

Number	4	8
Capacity, loaves	2 to 6	1 to 10
Depth, inches	9	11 3/4
Weight each, lbs	7 1/4	10 1/4
CANUCK	Each \$5.00	6.50
UNIVERSAL	Each \$5.30	7.30

## FLOUR SIFTERS



VICTOR—Triple wire agitator; black enamelled wood handle; bright tin body, handle and sieve; diameter 5 inches; height 6 inches; weight per dozen 7 lbs.

Per dozen ..... \$6.60

One dozen in a carton.

## FORCE CUPS



HANDY ANDY; wood handle; moulded rubber cup; bell shaped; very effective.

Number	1	2	2L
Diameter, inches	4	4 1/2	4 1/2
Style of handle	short	short	long
Weight per dozen, lbs	7	8	11
Per dozen	\$6.40	7.60	10.00

SIMPLEX; all rubber; moulded in one piece; hollow handle; any length of wood handle may be used but are not supplied with the cups.

Number	2	3
Diameter, inches	4 1/2	9 1/2
Weight per dozen, lbs	8 1/2	9 1/2
Per dozen	\$9.60	12.50

One in a box.

## MENDETS

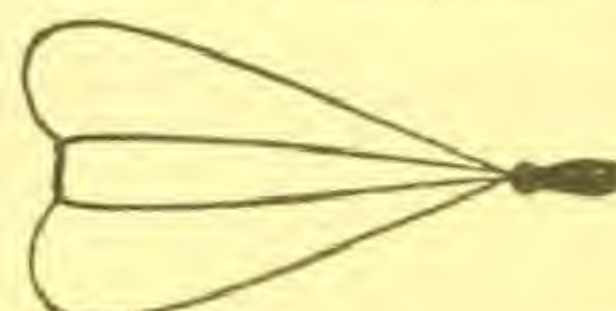


Mendets: Instantly Mend All Leaks Without Heat, Solder, Cement or Rivets; simply insert through hole in vessel and tighten; will mend leaks in cooking utensils and rubber goods from size of pin hole up to 3/4 inch in diameter; wrench is sharp pointed for running out holes.

Size, package	small	large
Contents	5	15
Per dozen	\$2.50	5.30

One dozen in a box.

## CARPET BEATERS



No. 3—Double loop; coppered wire; handle securely attached; length 32 inches; weight per dozen 6 lbs.

Per dozen ..... \$1.50

One dozen in a bundle.

## BIBB WASHERS



Hard rubber; for hot or cold water.

Size, inches	1 1/4	1 1/2	1 3/4
Per hundred	\$1.50	1.50	1.50

100 in a box.

## BASIN PLUGS



Moulded rubber; tapered edge; nickel plated ring.

Diameter, inches	1 1/4	1 1/2	1 3/4	2
Per dozen	\$1.50	1.30	2.00	2.30

One dozen in a box.

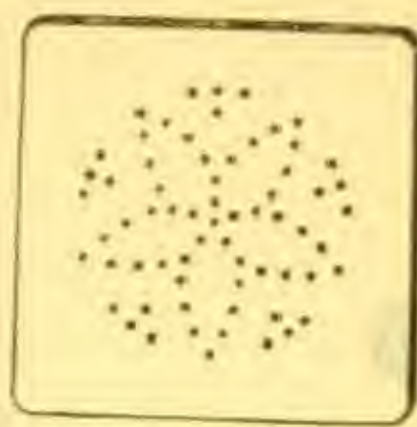


## Chair Seats

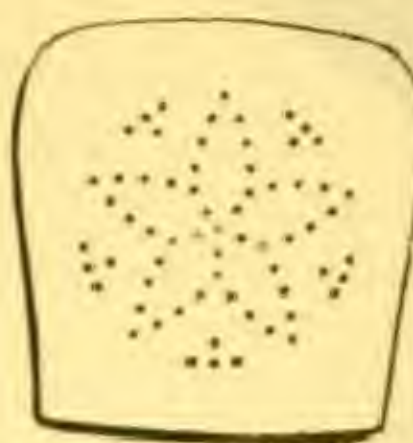
ROUND



SQUARE



BALL TOP



LOCAL



CANADIAN; 3 ply veneer chair seats; strong, resilient, nicely formed; carefully bored; rounded corners; smooth edges; varnished with hard drying coach varnish; birch finish.

Width, inches	12	13	14	15	16	18
Weight per dozen, lbs.	5½	6	7	7¾	9	11
Per dozen	\$1.70	1.90	2.00	2.30	2.60	3.50

Open stock.

## Closet Seats



**Regular.**—Low down; with cover; made from clear hardwood; well shaped; nickel plated hinges; dark oak finish; weight 5½ lbs. Each. \$3.50

**Sanitary.**—Low down; select material; seven ply veneer construction; open front; bar hinge of brass, nickel plated; finished in dark, oak or mahogany; weight 7½ lbs. Each \$6.00

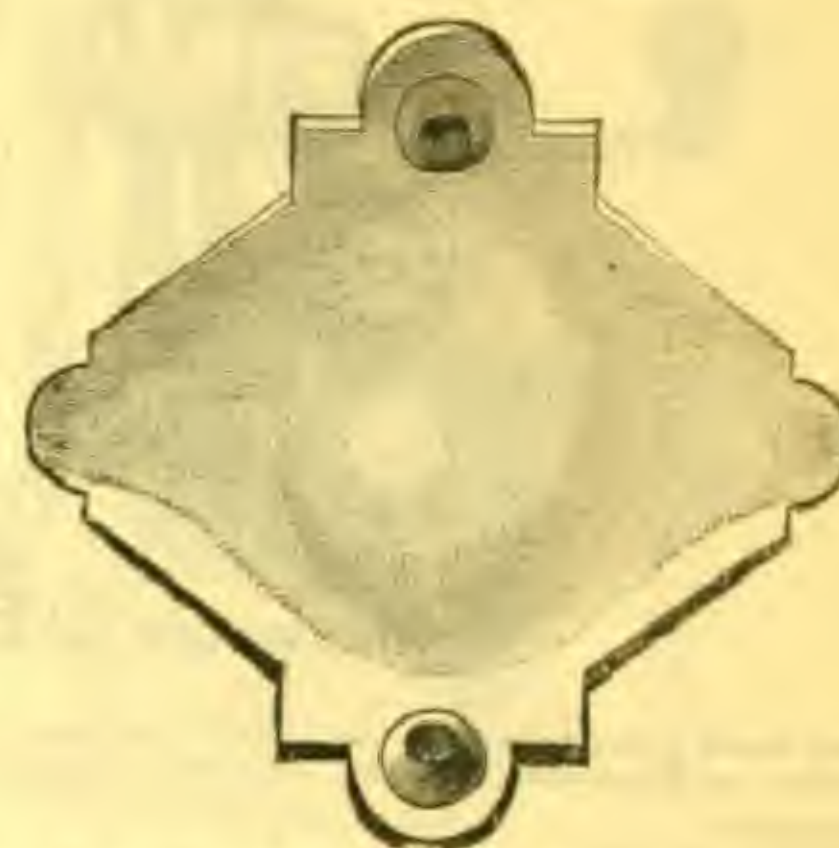
## Sterno



**Sterno.**—An alcohol paste preparation for instant cooking; lights with a match and can be extinguished and re-lit till contents are consumed; no danger; smokeless, odorless; weight per dozen 4 lbs. Per dozen \$2.70

One dozen in box — One gross in carton.

## Stair Plates



Heavy steel; brass or nickel plated finish; pins for applying supplied; weight per gross 3½ lbs.

Per gross \$2.70

Third gross in a box.

## Tack Claws



No. 46.—Flat polished steel blade; rivetted tang; black handle; length over all 6 inches; weight per dozen 1½ lbs. Per dozen \$5.40

One dozen in a box.



No. 15.—Steel shank; nickel plated; hard maple handle; length over all 6½ inches; weight per dozen 1¼ lbs. Per dozen \$2.00

One dozen in a box.

## Vegetable Cutters



**Sterling slicer;** revolving disc; semi circular knives; all metal frame; dull nickel finish; diameter of disc 8½ inches; cuts or slices all kinds of fresh or cooked vegetables from 1/8 to 5/8 inches thick; weight each 9 lbs. Each \$9.50

One in a box.



**Monarch cutter;** wood frame; iron handle; best quality steel blade; length over all 11½ inches; length of blade 4 inches; weight per dozen 24 lbs. Per dozen \$24.00

Open stock.



## Food Choppers



No. 1



No. 2



No. 3

**Universal Food Choppers;** heavily tinned one piece frame; interchangeable parts; bevelled self sharpening plates; each machine supplied with four plates, fine, medium, coarse and nut grinder; finely finished; guaranteed.

No. 1—Regular family size; capacity 2 lbs per minute; height above table 5½ inches; diameter of hopper 2¼ x 3½ inches; diameter of barrel 2 inches; weight each 4¼ lbs.

Each ..... \$3.60

One in a box, six in a case.

No. 2—Large family size; capacity 2½ lbs per minute; height above table 6 inches; diameter of hopper 3¼ x 3¾ inches; diameter of barrel 2¼ inches; weight each 4¾ lbs.

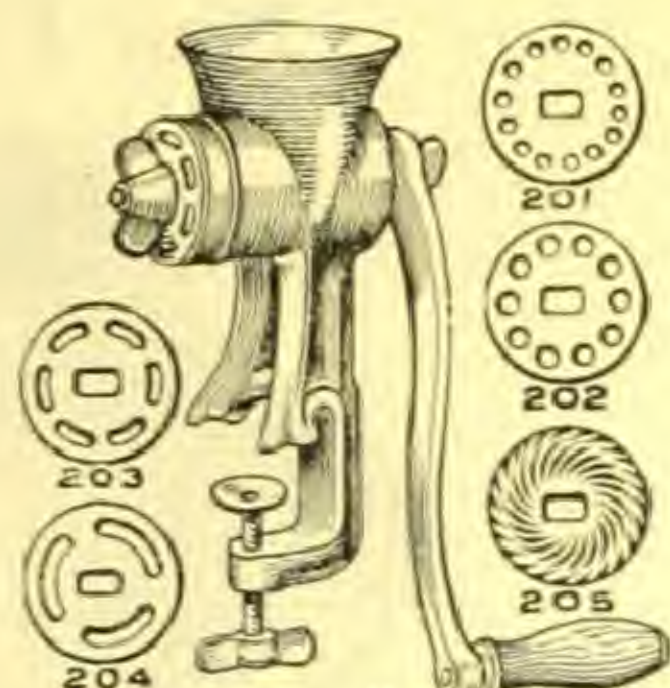
Each ..... \$4.10

One in a box, six in a case.

No. 3—Hotel size; capacity 3 lbs per minute; height above table 7 inches; diameter of hopper 4 x 4¾ inches; diameter of barrel 2½ inches; weight each 8 lbs.

Each ..... \$5.40

One in a box, six in a case.

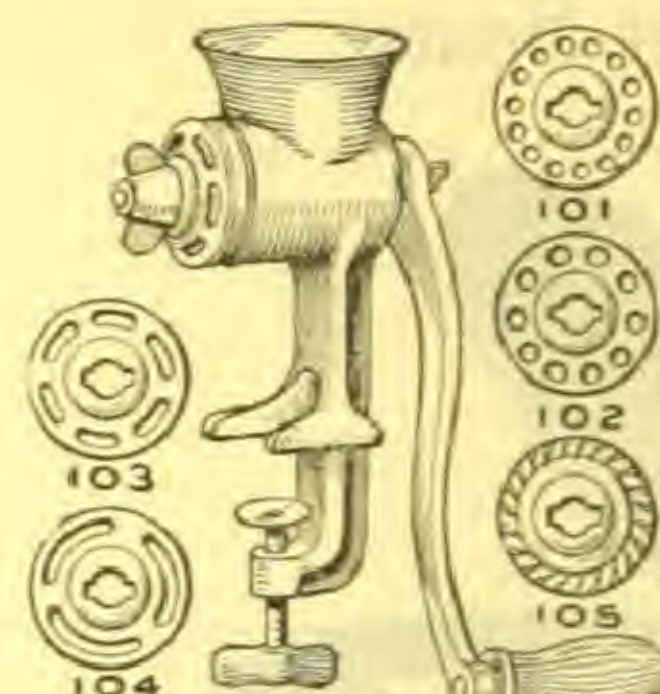


MAXWELL'S "JEWEL"

**Jewel Food Choppers;** heavily tinned one piece frame; easily cleaned; five flat plates, as illustrated, supplied with each machine.

Number	15	25	30
Weight, each lbs.	5	5½	8½
Each	\$3.10	3.60	4.90

One in a carton, six in a case.

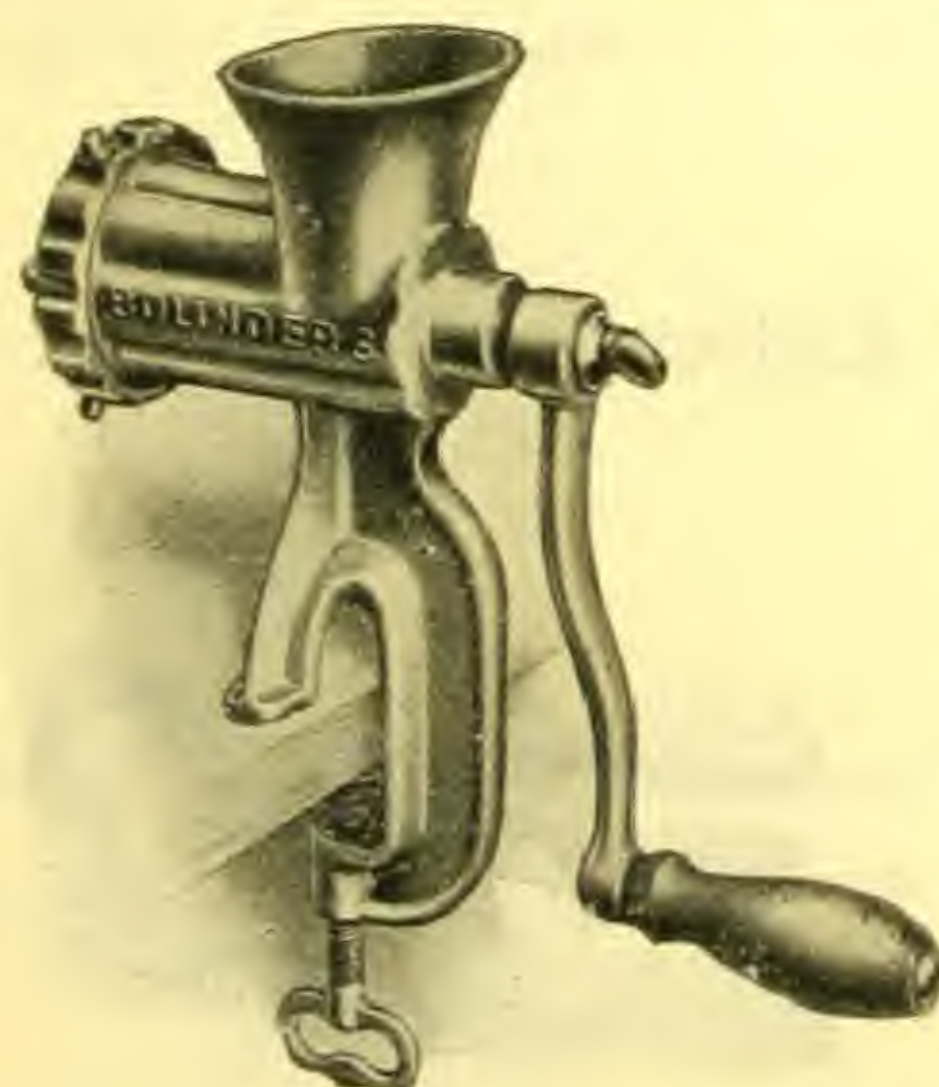


MAXWELL'S "MODEL"

**Model Food Choppers;** heavily tinned one piece body; five bevelled self sharpening plates with each machine.

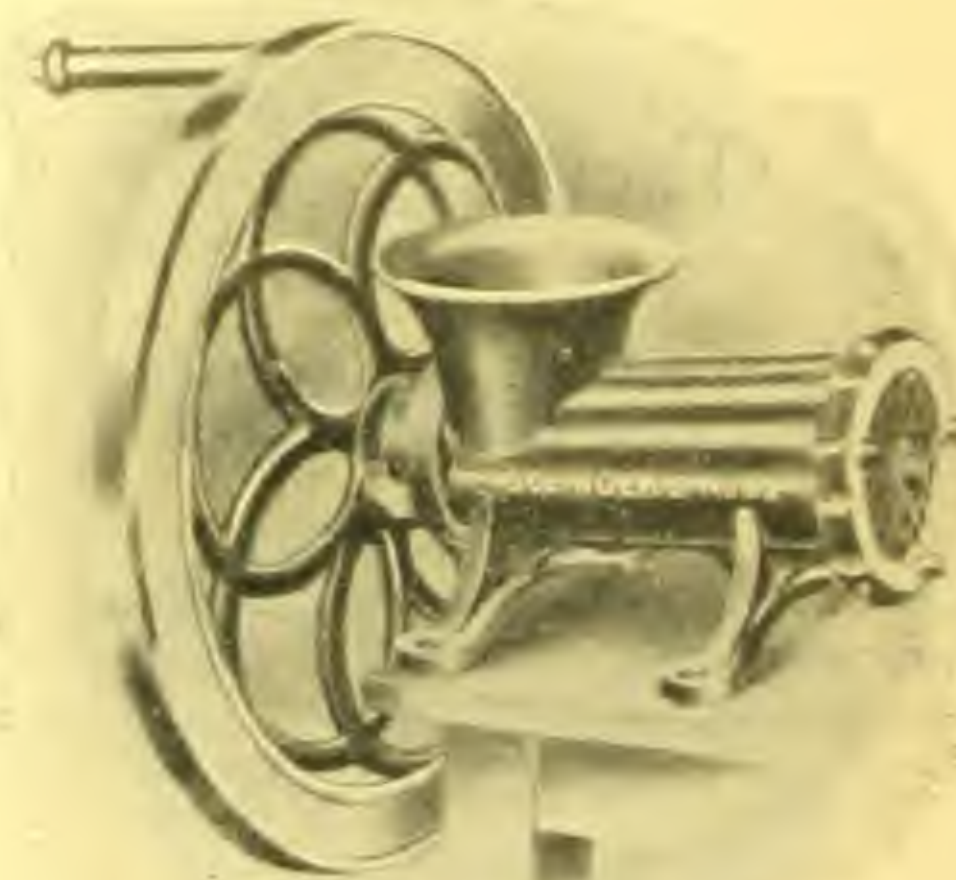
Number	5	6	7
Weight, each, lbs.	5	5½	8½
Each	\$3.20	3.70	5.00

One in a carton, six in a case.



## Meat Choppers

**Bollinder;** parts interchangeable; easy to clean; easy to operate; fast cutting; smooth finish; for meat cutting of all descriptions; also for lobster salad, dressing, suet, bread or cracker cutting; one plate with ⅜ inch holes supplied with each machine; clamp or screw base as indicated in schedule below.



Number	5	10	22	22 F.W.	32	32 F.W.
Style of base	clamp	clamp	screw	screw	screw	screw
Drive	crank	crank	crank	fly wheel	crank	fly wheel
Capacity, lbs per minute	1½	3	4	4	5	5
Weight each, lbs.	4½	8½	14	27	22	38
Tinned Finish	Each \$ 4.60	6.40	10.00	15.50	16.00	25.00
Red enamelled with porcelain lining	Each \$ 4.60	6.40	10.00	15.50	16.00	25.00
Stuffing attachment	Each \$ .70	.80	1.00			
Extra Knives	Each \$ .70	.90	1.50			
Extra Plates	Each \$ 1.00	1.40	2.60			

One in a carton, six in a case.



# Sewing Machines



**BEN HUR**

The **BEN HUR** machine is constructed of select oak; carved front, hand rubbed, and golden oak finish; drop head; vibrating under-feed; automatic bobbin winder; automatic attachments; ball bearing drive wheel; roller bearing feed; steel drum upper belting; take up on all wearing parts; working parts are made of best hardened steel; full set of attachments in a metal plush lined box; finished stand; hinged table; fully guaranteed; this is a satisfactory working machine and considering quality and price is unequalled on the market. Weight 115 lbs.

Each

\$82.00



**NEW CENTURY**

The **NEW CENTURY** has quarter cut oak wood work, highly finished in golden oak; automatic drop head; vibrating under feed; automatic bobbin winder; automatic attachments; automatic release; automatic lift; roller bearings in the front of head; roller bearing feed; ball bearing shuttle shaft, drive wheel and steel pitman; capped needle bar; vertical take up; steel drum; upper belting; absolute square four motion feed; metric and linear systems of measurement; take up on all working parts; all working parts made of the best hardened steel; full complement of attachments; ten year guarantee; up to date; easy running; and satisfactory in every way. Weight 120 lbs.

Each

\$90.00

# Coffee Mills



No. 24—Universal Wall; attaches to wall by metal bracket; released by turn of thumb screw; black enamel finish; gilt lettering and decorative designs; has airtight glass canister, easily removed, and replaced by ordinary mason jar if broken; receiving cup, easily removed, and replaced by ordinary jelly tumbler if broken; height 17½ inches. Weight per dozen 83 lbs.

Per dozen \$36.00

Half dozen in case.



No. 109—Universal Box; Patent Adjustable Grinder; black enamel finish; lettered and decorated in gilt; pulverizes if desired; height 7¾ inches. Weight per dozen 20 lbs.

Per dozen \$30.00

Half dozen in case.



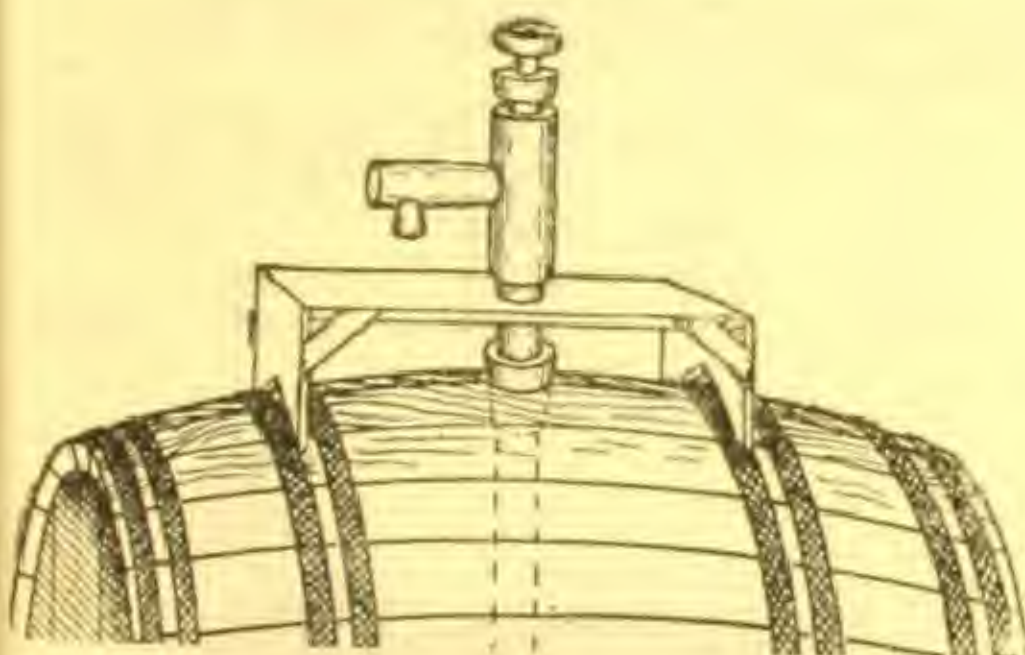
No. 431—Parker box; iron top with handle; double grinder; size of box 5 x 5 x 4¼ inches; metal parts are bronzed finish and wood parts varnished; weight per dozen 66 lbs. Per dozen \$36.00

Half dozen in case.

# VINEGAR PUMP

# MOLASSES PUMP

# MEASURING FAUCET



**PERFECTION**



**No. 97**



**No. 61**

Made of select wood throughout; diameter of body 1¾ inch; length over all 48 inches; suitable for use in barrels containing vinegar, turpentine, coal oil or other light bodied liquids; has a tapered sleeve which holds the pump securely in the bung hole; weight each 2½ lbs.

Each \$4.00

Six in a crate.

Self priming; self measuring; accurate; easily installed by placing in a barrel as shown above and adjusting the patent clamp which holds it secure; for measuring molasses, heavy oils, tar, etc. four turns of the crank pumps one pint, which is indicated on the dial; tinned finish; length over all 54 inches; weight each 30 lbs.

With augur. Each \$39.00  
Without augur. Each 35.50

One in a crate.

Self measuring faucet; convenient to use; correct in its operation; for measuring syrups, heavy oils, tar, etc. The indicator registers, half pints, pints, and quarts; tinned finish; weight each 11 lbs.

Each \$10.00

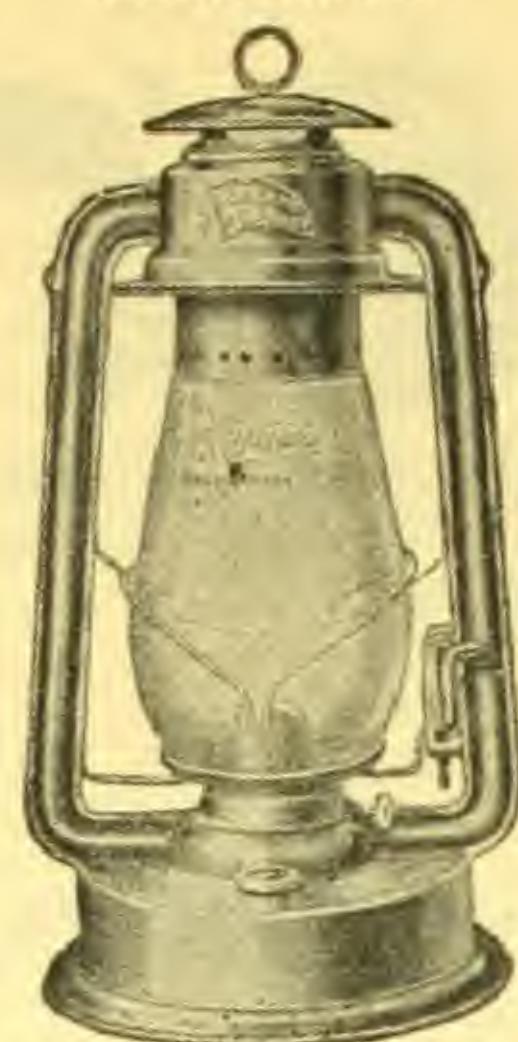
Six in a crate.



Lanterns  
COLD BLAST

Trulite; short globe; improved cold blast burner; 1 inch wick; dome well; oil capacity 1½ pints; pressed tubes; self righting bail handle; right lever; safety globe guard; retinned; weight per dozen 37 lbs.

Per dozen \$22.00



Cold Blast; long globe; improved burner; 1 inch wick; brass filler cap; self erecting bail handle; dome well; oil capacity 1½ pints; double seamed bottom; pressed tubes; retinned; weight per dozen 35 lbs.

Per dozen \$22.00

## ROADSTER



Roadster; short globe; improved burner; 1 inch wick; dome well; oil capacity 1½ pints; self erecting handle; pressed tubes; lift lever; globe guard; corrugated reflector; dash attachment; retinned weight per dozen 40 lbs.

Per dozen \$43.00

## JUNIOR



Cricket; a small type for household use; tin frame and fount; for use with a candle; height 5¼ inches; bail handle; weight per dozen 6 lbs.

Clear globes. Per dozen \$4.20

Colored globes. Per dozen \$4.70

Dozen in box.

## RAILROAD



Railroad; for kerosene; retinned steel frame; ventilated top; ventilated below burner; wire globe guard and base; clear globe; No. 1 Dietz burner for 5/8 inch wick; height 10½ inches. Weight per dozen, 45 lbs.

Per dozen \$38.40

Dozen in case.

## REFLECTOR



Reflector; long globe; japanned finish; corrugated round reflector, fitted with spring clip for dash-board and wire hook to hang up; heavy IX tin construction; double seamed tubes; single deck bowl; radially corrugated bottom; self-righting; safety globe guard; multiple match scratcher; height over all, 14½ inches; 1 inch wick; No. 2 burner; No. 3 globe. Weight per dozen 64 lbs.

Per dozen \$29.00

Half dozen in case.

## BRACKET LAMPS



Jaxon; side wall or stand; glass fount with B collar; tin reflector; wire frame, sold without burner or chimney; height 12 inches; weight per dozen 20 lbs.

Per dozen \$7.50

Dozen in a case.

## LAMP FOUNTS



No. B—Lamp founts; plain design; B size; can be used with No. 52 brackets; weight per dozen 14 lbs.

Per dozen \$5.00

No. BFH—Lamp founts; plain design; B size; with filler and side handle; can be used with No. 52 brackets. Weight per dozen 15 lbs.

Per dozen \$6.20

Three dozen in a case.

## LAMP BRACKETS



No. 52—Ornamental cast iron; bronzed finish; projects 11 inches; swivel brackets; pin for holding reflector; weight per dozen 12 lbs.

Per dozen \$5.30

One dozen in a box.

Makes Gas  
roughly Test  
cleaning on  
sine lamp

Standard model table  
large panel design  
shaded, base and stand  
whale, mantle, pick  
and extra pen  
CQ 329—As described  
CQ 318—Decorative  
CQ 324—Decorative

Standard hand lantern,  
big model, nice ch  
frame heavily nickel  
and the same light as  
in a carton with clean  
cleaning pick and sc  
6 lbs.

Each

Q 99

Q 99

Q 99—C  
lar, w  
hours  
finally  
with  
the la  
Each



## Coleman Quick-Lite Lamps and Lanterns

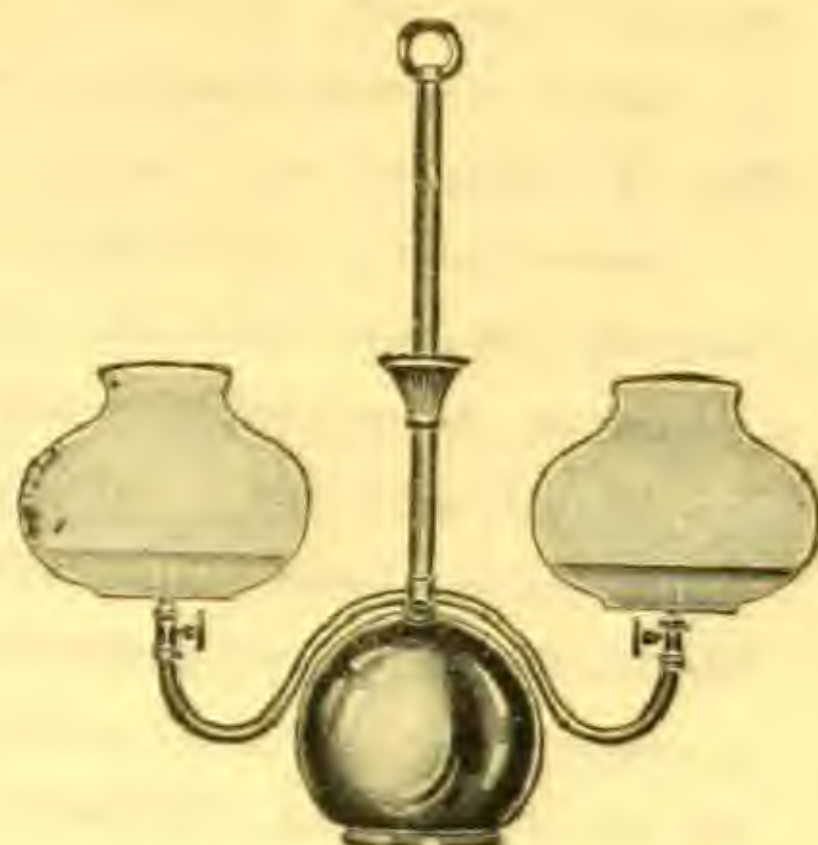
**Makes Gas from Gasoline; Simple and Safe; Give Bright White Light; Explosion Impossible; Every Lamp Thoroughly Tested.** This lamp cannot be filled when lighted; no danger if dropped or tipped over; needs filling only once a week, cleaning once a year; no smoke, smell, chimney to clean, or wick to take care of; 300-candle light at one third the cost of kerosene lamp; Safe, Brilliant, Economical, Lasting.



CQ329

Standard model table lamp; ornamental opal shade, large panel design; nickel plated and highly polished; base and stand; packed one in a carton with shade, mantles, pump, wrench, hanger cleaning pick, and extra generator; weight each 10 lbs.

CQ 329—As described ..... Each \$16.50  
CQ 318—Decorated globe ..... Each \$18.50  
CQ 324—Decorated globe ..... Each \$18.50



PQ321

Chandelier type; for illuminating stores, churches, halls, etc; delivers 600 candle power, and casts no under shadow; equipped with half frosted bug-proof globes; one in a carton with globes, 1 mantles; pump, wrench, cleaning pick, and 2 extra generators; weight each 16 lbs.

Each ..... \$34.00



BQ321

Bracket style; for use in kitchen, hall, bathroom or over desk they are very convenient; half frosted globe; nickel container and tube; can be easily carried from place to place or used as a table lamp; the two legs hold it in proper burning position when used as a table lamp; equipment the same as No. CQ329. Weight each 9 lbs.

Each ..... \$18.50



No. LQ327

Standard hand lantern; wind proof, rain proof and bug proof; mica chimney and reflector; brass frame heavily nickel plated; the same generator and the same light as No. 329 lamp; packed one in a carton with chimney mantles, pump wrench, cleaning pick and extra generator; weight each 6 lbs.

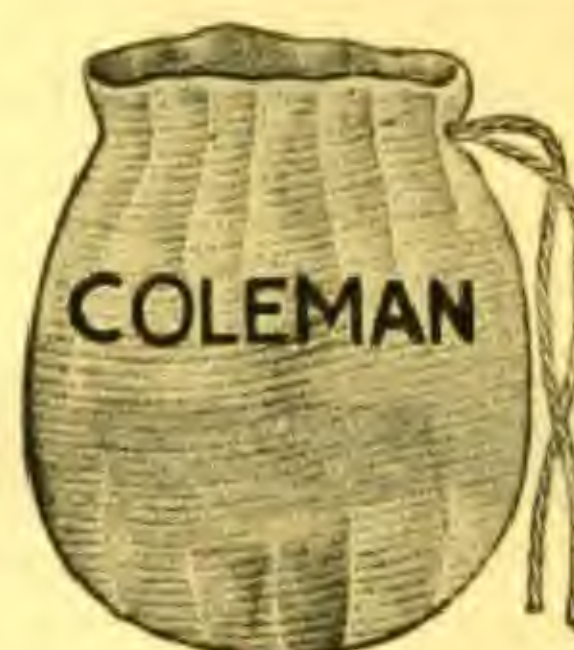
Each ..... \$14.00



No. HV316

Arc lantern; one of the most dependable outside lights ever made; it can be hung up and used for street lighting in small towns with the greatest satisfaction; will not blow out; complete outfit as No. 327 in carton; weight each 7 lbs.

Each ..... \$28.00



No. 41

Junior Rag mantles; 2 1/4 inches long; re-inforced bottom, to withstand the extra strain at that point made from Egyptian long fibre thread, solutioned with the necessary chemicals, exceptionally brilliant and the most durable; suitable for all lighting equipment shown herewith.

Per dozen ..... \$1.90



SHADE NO. 329

Opal panel shade; artistic and durable; suitable for No. CQ329 lamp; packed one in a carton.

Each ..... \$2.50



GLOBE No. 321

Half frosted globe; protects the mantles from flying bugs and insects; for No. PQ321 and BQ321 lamps shown above; one in a carton.

Each ..... \$3.50



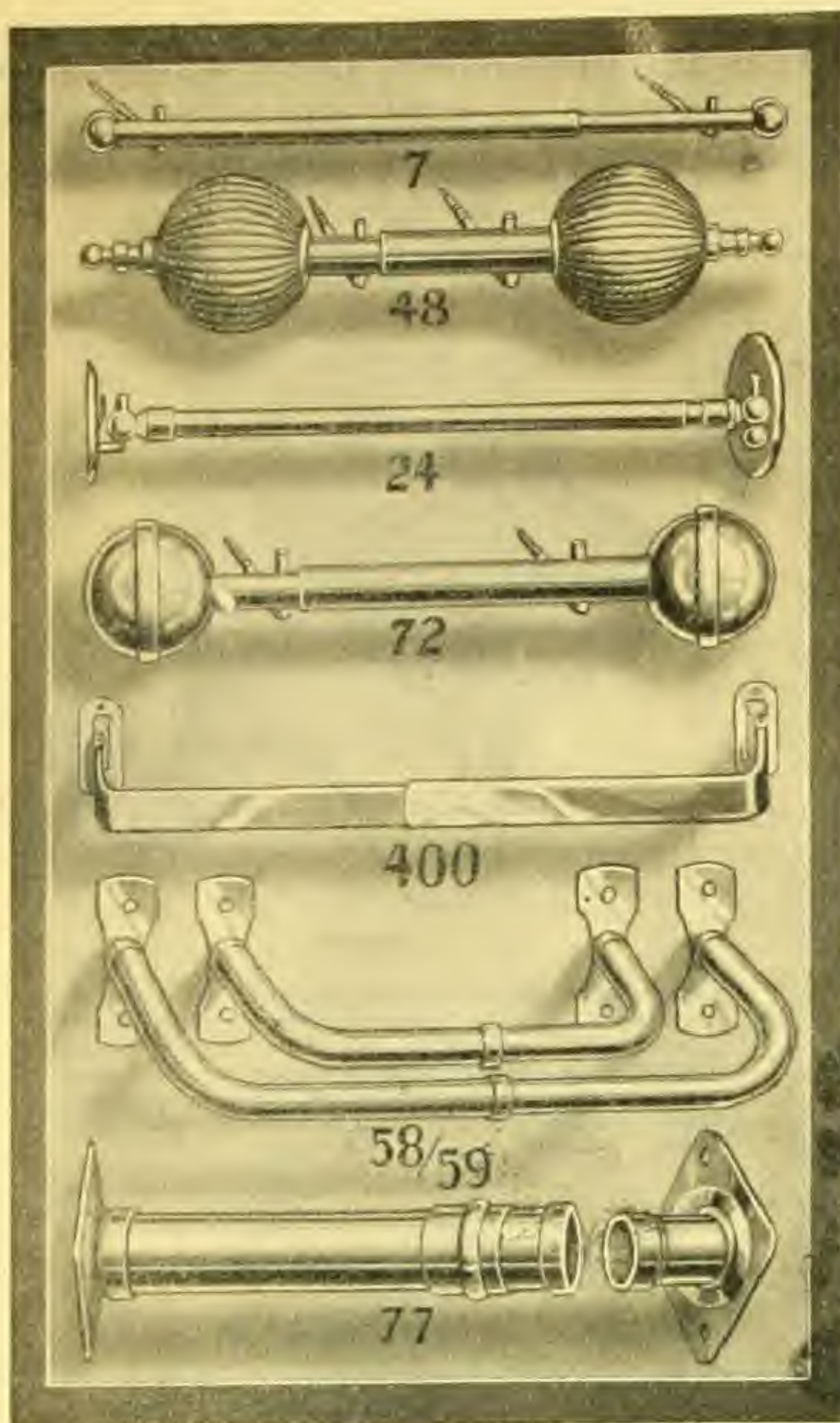
Q 99

Q99—Coleman Quick-lite generator; will burn from 500 to 800 hours without renewing; when finally filled with carbon replace with extra generator supplied with the lamp.

Each ..... \$0.50



## Curtain Rods

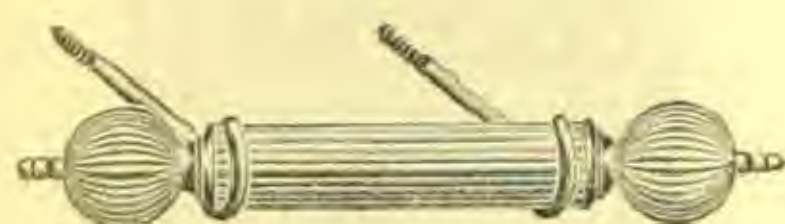


- No. 7.—Sash rod; diameter  $\frac{3}{4}$  inch; extends from 20 to 40 inches; brassed finish; solid inside rods; ball ends; weight per dozen  $2\frac{1}{2}$  lbs. Per dozen \$ 1.40
- No. 48.—Sash rod; diameter  $\frac{7}{16}$  inch; extends from 30 to 54 inches;  $1\frac{1}{8}$  inch silvered ends; weight per dozen  $3\frac{1}{2}$  lbs. Per dozen \$ 2.50
- No. 24.—Sash rod; diameter  $\frac{1}{4}$  inch; extends from 14 to 24 inches; brassed tubes; reversible brackets; weight per dozen 3 lbs. Per dozen \$ 2.70
- No. 72.—Drapery rod; diameter  $\frac{7}{16}$  inch; extends from 20 to 40 inches; brassed tubes; 1 inch polished ends; weight per dozen  $3\frac{1}{4}$  lbs. Per dozen \$ 2.50
- No. 400.—Drapery rod; flat style; projection 2 inches; extends 30 to 54 inches; brassed finish; weight per dozen 4 lbs. Per dozen \$ 3.00
- No. 58.—Drapery rod; diameter  $\frac{7}{16}$  inch; extends from 30 to 50 inches; projection 2 inches; brassed finish; weight per dozen  $4\frac{1}{2}$  lbs. Per dozen \$ 3.20
- No. 59.—Drapery rod; projection  $2\frac{3}{4}$  inches; otherwise as No. 58 and can be used with No. 58 where a double rod is required. Per dozen \$ 3.20
- No. 77.—Portier rod; diameter  $\frac{3}{4}$  inch; extends from 30 to 50 inches; brassed finish; supplied with sockets as illustrated. Per dozen \$12.00

## CURTAIN ROD ASSORTMENT

- No. 5.—Contains 3 dozen No. 7; 2 dozen No. 48; 2 dozen No. 24; 2 dozen No. 72; 3 dozen No. 400; 2 dozen No. 58; 2 dozen No. 59; and 1 dozen No. 77 packed in case with brackets and display board illustrated herewith. Per assortment \$50.00

## CURTAIN POLES



- No. 779.—Reeded wood poles; white enamelled finish; silvered ends; diameter of poles  $\frac{3}{4}$  inch; length of poles 4 feet; weight per dozen  $5\frac{1}{2}$  lbs.

Per dozen sets \$4.20

Three dozen in a case.

## CURTAIN POLE TRIMMINGS



- No. 767.—For  $1\frac{1}{2}$  inch wood pole; embossed brass; sets contain, one pair ends as cut, ten No. 002 x  $1\frac{1}{2}$  inch rings as below and one pair No. 78 brackets; weight per dozen sets 3 lbs.

Per dozen sets \$10.80

One set in a box.

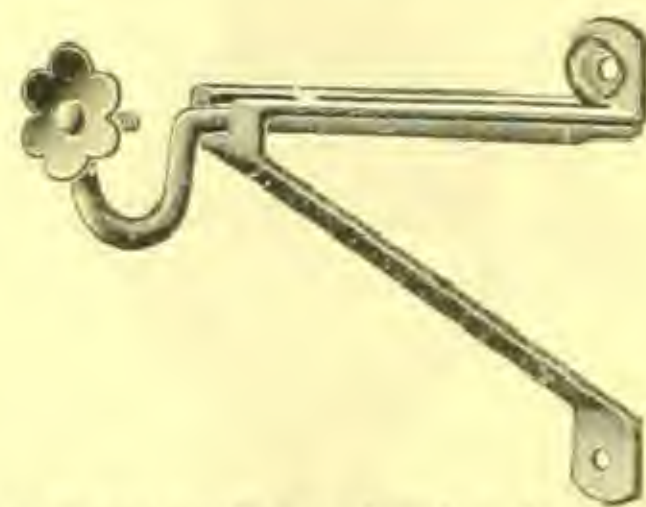
## SHADE BRACKETS



- No. 415.—For  $1\frac{1}{4}$  inch shade rollers; stamped steel; bronzed finish; weight per gross pairs 9 lbs.

Per gross pairs \$7.00

Half gross in a box.



- No. 67.—For  $1\frac{1}{2}$  inch wood poles; brassed finish; weight per dozen pairs  $4\frac{1}{2}$  lbs.

To extend from 4 to 7 inches.

Per dozen pairs \$4.50

To extend from 7 to 12 inches.

Per dozen pairs \$5.50

One dozen pairs in a box.



- No. 78.—For  $1\frac{1}{2}$  inch wood pole; brassed finish; weight per dozen pairs 2 lbs.

Per dozen pairs \$1.50

Two dozen pairs in a box.

## CURTAIN RINGS



- No. 002.—Brass; unpolished finish; with attaching loop.

Diameter, inches. 1 1/4 1 3/4

For curtain poles. 1 1 1/2

Weight per 100, lbs. 54 54

Per 100 \$4.00 4.00

250 in a box.



Hollow brass; polished finish;

Number 10 11 12 14 16

Diameter, inches. 3/8 3/8 3/8 3/4 3/4

Per gross \$ .45 .55 .65 .90 1.10

Number 18 20 22 24 25

Diam. inches. 1 1/8 1 1/8 1 1/8 1 3/8 1 3/8

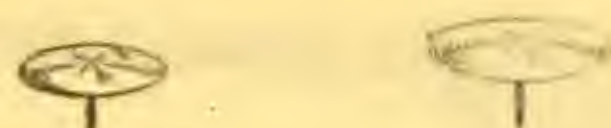
Per gross \$1.20 1.40 1.90 2.40 2.70

One gross on a string.

Twelve gross in a box.



THUMB TACKS



Nickelled heads; steel stems; sharp points.

Number	3	5
Diam of head, inches	$\frac{3}{16}$	$\frac{3}{8}$
Length of stem, inches	$\frac{1}{2}$	$\frac{1}{4}$
Number in a box	50	50
Per dozen boxes	\$1.80	1.80

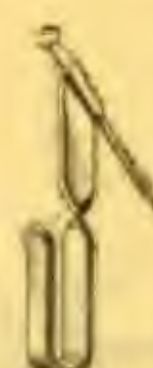
PUSH PINS



Crystal glass heads; needle steel points; for small pictures etc.

Number	1	2
Length of head, inches	$\frac{3}{8}$	$\frac{1}{2}$
Number in a box	6	6
Per dozen boxes	\$2.40	2.40

PUSH-LESS HANGERS



Brass hooks; steel pins; for wood, plaster or beaver-board walls.

Number	24	25	27	28
Supports, lbs	10	20	50	100
Number in a box	10	6	4	3
Per dozen boxes	\$2.40	2.40	2.40	2.40



PUSH PIN ASSORTMENT

Style "L" cabinet is substantially built of wood in mission finish and displays attractively, 150 packages of push pins in two sizes and push-less hangers in four sizes and in the proportion usually sold; dimensions of cabinet 5 x 15 x 13 $\frac{1}{2}$  inches; samples of the contents are attached to the front of the cabinet; refills can be ordered as required from the numbers as listed above.

Assortment complete \$29.00

One in a carton.

PICTURE HOOKS



No. 119—Brass plated; plain pattern; weight per gross 1 $\frac{1}{2}$  lbs.

Per gross \$1.30



No. 127—Brass plated; embossed pattern; weight per gross 2 lbs.

Per gross \$2.20



No. 0154—Brass plated; fancy pattern; weight per gross 2 lbs.

Per gross \$3.20

One gross in a box.

PICTURE NAILS



No. 9—Porcelain head; length of stem 2 $\frac{1}{2}$  inches; weight per gross 3 lbs.

Per gross \$10.00

PICTURE WIRE

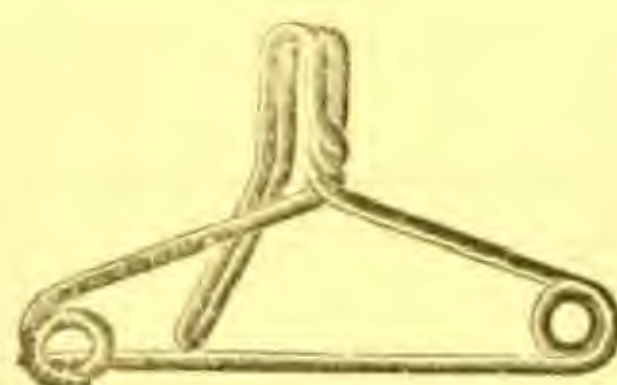


Braided silvered wire; finest quality.

Number	0	1	2	3	4
25-foot coils, per doz	\$ .70	.90	1.05	1.40	1.60
25-yard coils, per doz	\$1.40	2.10	2.80	3.70	4.60

One dozen in a carton.

DRAPERY HOOKS



No. 0327—Brass plated; length 1 $\frac{1}{2}$  inches; weight per gross  $\frac{3}{4}$  lbs.

Per gross \$1.20

One gross in a box.

CHAIR NAILS



Brass plated heads; steel shank; Packed 1000 in a carton.

Number	41	42	43
Diameter, inches	$\frac{11}{16}$	$\frac{11}{16}$	$\frac{11}{16}$
Style of packing	loose	loose	loose
Per 1000	\$2.00	1.80	1.50

Number	041	042	043
Style of packing	100'S	100'S	100'S
Per 1000	\$2.50	2.20	1.90

Number	0041	0042	0043
Style of packing	50'S	50'S	50'S
Per 1000	\$2.90	2.60	2.30

Brass Screw Hooks



No. 81

Cup Hook; brass wire; bright finish; secure washer.

Size, inches	$\frac{1}{2}$	$\frac{3}{4}$	$\frac{1}{2}$	$\frac{3}{4}$	1	1 $\frac{1}{4}$	1 $\frac{1}{2}$
Gauge of wire	15	14	13	12	11	9	8
Projection, inches	$\frac{1}{2}$	$\frac{3}{4}$	$\frac{3}{4}$	$\frac{3}{4}$	1	1 $\frac{1}{4}$	1 $\frac{1}{2}$
Weight per gross, lbs	$\frac{1}{2}$	$\frac{3}{4}$	$\frac{3}{4}$	1	1 $\frac{1}{4}$	1 $\frac{1}{2}$	2 $\frac{1}{4}$
Mn'fr's List, per gross	\$3.75	3.85	4.00	4.50	5.25	9.00	11.00
DISCOUNT							

One gross in a box.



No. 412

Shoulder Hook; brass wire; bright finish; secure washer.

Size, inches	$\frac{1}{2}$	$\frac{3}{4}$	$\frac{3}{4}$	$\frac{3}{4}$	1	1 $\frac{1}{4}$	1 $\frac{1}{2}$
Gauge of wire	15	14	13	12	11	9	8
Projection, inches	$\frac{1}{2}$	$\frac{3}{4}$	$\frac{3}{4}$	$\frac{3}{4}$	1	1 $\frac{1}{4}$	1 $\frac{1}{2}$
Weight per gross, lbs	$\frac{1}{2}$	$\frac{3}{4}$	$\frac{3}{4}$	$\frac{3}{4}$	1 $\frac{1}{2}$	1 $\frac{1}{2}$	2 $\frac{1}{4}$
Mn'fr's, per gross	\$ 3.75	3.85	4.00	4.50	5.25	9.00	11.00



## Carpet Sweepers



**Champion:** Gumwood case; mahogany finish; japanned frame; plain bearings; bristle brush; pans dump separately; weight per dozen 83 lbs.

Per dozen ..... \$90.00



**Universal:** Gumwood case; mahogany finish; japanned frame; cyco bearings; bristle brush; both pans dump together; weight per dozen 90 lbs.

Per dozen ..... \$96.00



**Grand Rapids:** Gumwood case; mahogany or seal brown finish; japanned or nickel plated frame; cyco ball bearings; rubber corner cushions; best quality bristle brush; both pans dump at once; weight per dozen 93 lbs.

Japanned ..... Per dozen \$100.00  
Nickel plated ..... Per dozen \$110.00



**American Queen:** Walnut Veneer case; oil rubbed finish; nickelled fittings; cyco ball bearings; rubber corner cushions; best quality bristle brush; pans dump separately; a fine machine in appearance and operation; weight per dozen 95 lbs.

Per dozen ..... \$120.00



**Parlor Queen:** Rosewood Veneer case; oil rubbed finish; nickelled fittings; cyco ball bearings; rubber corner cushions; best quality bristle brush; pans dump separately; the sweeper De Luxe; weight per dozen 95 lbs.

Per dozen ..... \$124.00



**Grand:** Gumwood case; seal brown finish; japanned fittings; cyco ball bearings; rubber corner cushions; best quality brush; pans dump separately; this is a large size sweeper for public buildings or other purposes where large surfaces are to be cleaned. Weight per dozen 125 lbs.

Per dozen ..... \$136.00

## SWEEPER PARTS



Brushes; (wood pulleys on ends) regular	Each	\$1.36
Brush pulleys; plain wood regular size	Each	\$0.06
Cyco wood wheels; regular size	Each	\$0.06
Furniture protector bands, plain, regular size	Each	\$0.50
Furniture protector bands, rubber corner cushions, regular size	Each	\$0.70
Handles; regular size	Each	\$0.60
Pans; regular size	Each	\$0.26
Rubber tires; regular size	Each	\$0.16
Springs; any kind	Each	\$0.10
Wheels; plain, regular size	Each	\$0.50
Wheels; ball bearings, regular size	Each	\$0.70

Note—Other parts can be supplied promptly although not carried in stock.

## VACUUM CLEANERS

The Universal Vacuum Cleaner has many features of superiority. The motor is very powerful and has a greater suction than other kinds; the nozzle has thread catchers on both sides and is so constructed that the current of air is evenly distributed; this new patented nozzle does away with the revolving brushes formerly used and thus eliminates brush replacement, and also the destructive action of the brush on fine and costly materials. An adjustment is provided for raising or lowering the nozzle as desired; the machine is carried on three indestructible and noiseless wheels; the nozzle, bag, and attachments are quickly attached or detached by large connecting collars; the handle can be locked at various angles by means of a latch at the base of the handle; specially woven dust tight bag attached to the right hand side of handle; twenty feet of flexible cord with attachment plug; easily oiled, easily operated, durable and satisfactory in every way. Polished aluminum finish.

No. E720 — Without attachment; weight  
12 lbs. Each ..... \$85.00

No. E7201 — With attachment; weight  
16 lbs. Each ..... \$100.00



Made of fine  
can be washed  
pans, balls, etc.  
Number  
Length of  
Weight per dozen

Per dozen  
Number  
Length of  
Weight per dozen  
Per dozen



No. 1—One with  
for warehouse  
Per dozen

Ajax; polished  
with grey  
Number  
Size, inches  
Weight per  
Per dozen



## Floor Mops



Made of fine cotton twine; handle 52 inches long; can be washed out when soiled; for schools, hospitals, halls, churches, yachts, motor boats, etc.

Number	0	1	2
Length of swab, inches	7	8	9
Weight per dozen, lbs.	11	12	13½
Per dozen	\$4 70	5 50	6 40
Number	3	4	5
Length of swab, inches	10	11	12
Weight per dozen, lbs.	15	16½	18
Per dozen	\$7 90	9 60	10 80

One dozen in a bundle.

## Waxing Brushes



**Simons:** First quality grey fibre filler, in re-inforced hardwood block; hardwood handle, patent self-lacking socket type; iron casting, aluminum finish; with felt band around edge to protect the wood-work; for waxing and polishing hardwood floors.  
Weight, lbs. 15 25  
Size of block, inches 5½x9 5½x9  
Each \$ 4 70 6 50

Open stock.



**Johnson's:** Best grade grey fibre brush, size 4 x 8½ inches; securely fastened in a wood block; stained hardwood handle; cast iron frame, aluminum finish; weight each 7 lbs. One pound of Johnson's prepared floor wax supplied with each brush; for polishing and re-finishing hardwood floors.

Each \$ 5 00

Open stock.

## Floor Brooms

**Canada Broom Co:** corn body; lock stitched binding; wire wound tip; select handles.

Name or Number	Leader	5	Parlor	Princess
Number of cords	4	5	5	5
Weight per dozen, lbs.	24	23	25	27
Per dozen	\$ P. O. A.			

Note—Freight will be allowed on orders containing six dozen or over.

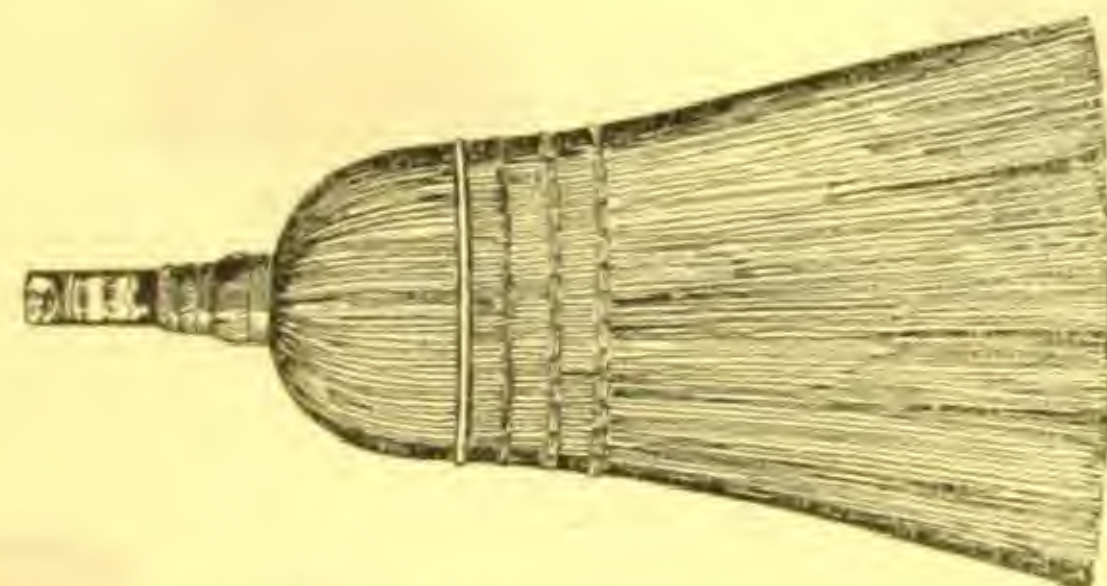
**St-Catharines Broom Co:** corn body; lock stitched binding; wire wound top; select handles.

Number or letter	3	C	F	C
Number of cords	4	4	5	5
Weight per dozen, lbs.	20	21	28	30
Per dozen	\$ P. O. A.			

Note—Freight will be allowed on orders containing six dozen or over.

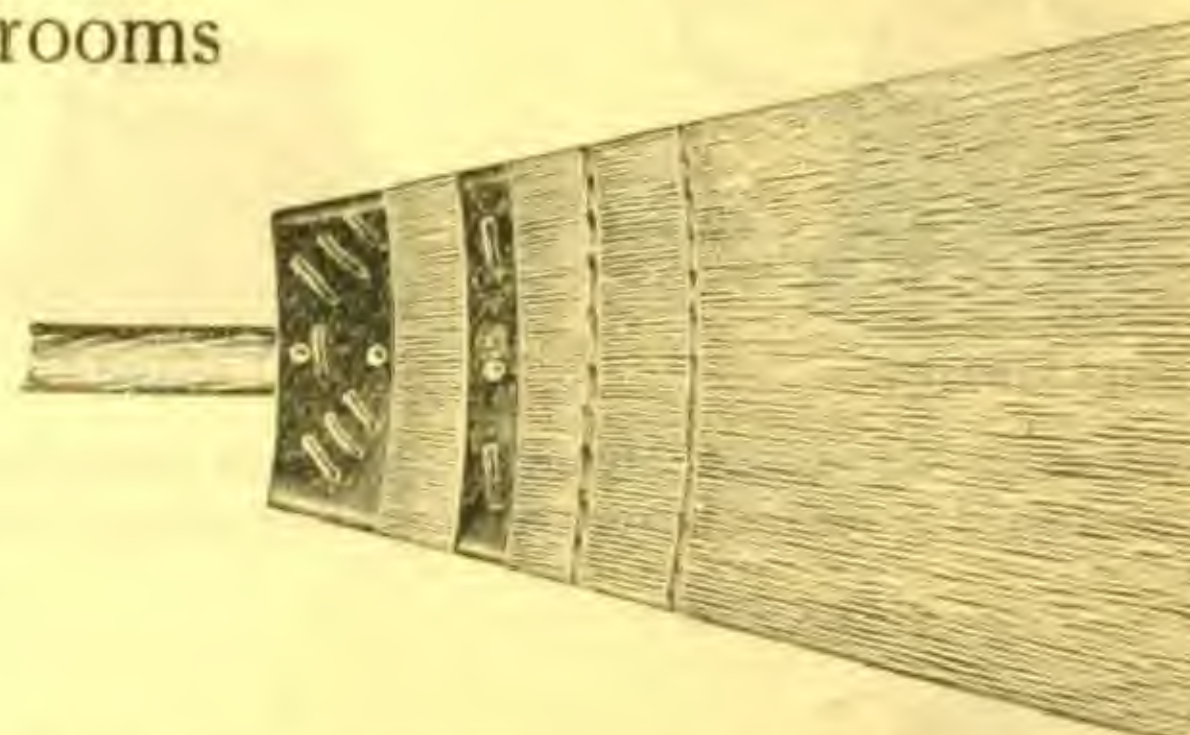


## Ware House Brooms



No. 1—One wire cable and three string binding; good grade of corn; strong handle; for warehouse, mill, factory, or other such purposes; weight per dozen, 32 lbs.

Per dozen \$ P. O. A.



No. 2513—Metal cased head; one metal band and two strings; mixed corn and bamboo body; strong handle; for railway, factory, mill or warehouse purposes; weight per dozen 31 lbs.

Per dozen \$ P. O. A.

All above one dozen in a bundle.

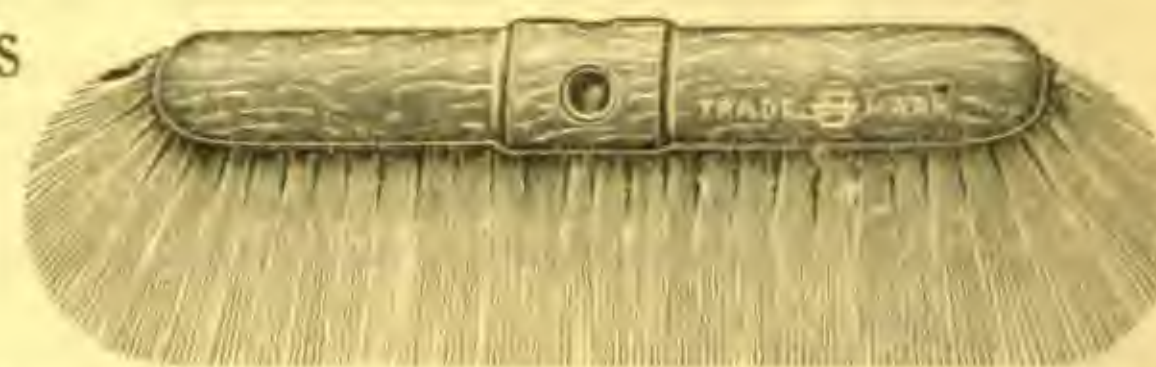
## Floor Brushes



**Ajax:** polished hardwood backs; steel fastened thread handles; black bristle outside with grey centre filler.

Number	676	677
Size, inches	12	11
Weight per dozen, lbs.	15	18
Per dozen	\$27 30	31 50

One quarter dozen in a box.



**Regina:** red polished backs; steel fastened thread handles; pure black hair filler; very full.

Number	846
Size, inches	16
Weight per dozen, lbs.	22
Per dozen	\$48 00



## O-Cedar Mops and Polish



TRIANGULAR DUSTING



TRIANGULAR POLISHING



ROUND DUSTING

O-Cedar mops are made from best quality cotton twine, securely fastened to a metal frame, and equipped with a 54 inch handle. O-Cedar polish mops are put up in lithographed tins with directions and resale price thereon.



POLISH

- No. 1—Large size; round shape; polish mop; weight per dozen 31 lbs.  
 No. 3—Large size; triangular shape; polish mop; weight per dozen 31 lbs.  
 No. 5—Large size; round shape; dusting mop; weight per dozen 23 lbs.  
 No. 14—Large size; triangular shape; dusting mop; weight per dozen 23 lbs.  
 No. 15—Medium size; triangular shape; polish mop; weight per dozen 28 lbs.  
 No. 10—Large size; red handle; hand duster; weight per dozen 10 lbs.

EXTRA HANDLES for O-Cedar mops; 54 inches long. Weight per dozen 9 lbs.

4 oz. Polish in bottles; weight per dozen 9 lbs.

12 oz. Polish in bottles; weight per dozen 19 lbs.

Quarts, Polish in cans; weight per dozen 32 lbs.

Half-gallons, Polish in cans; weight per dozen 60 lbs.

Gallons, Polish in cans; weight per dozen 118 lbs.

O-Cedar polish is put up in imperial measure and packed half gallons and gallons, one half dozen and other sizes one dozen to a box.

Per dozen	\$32.00
Per dozen	\$32.00
Per dozen	\$32.00
Per dozen	\$32.00
Per dozen	\$20.00
Per dozen	\$16.00
Per dozen	\$4.80
Per dozen	\$4.00
Per dozen	\$8.00
Per dozen	\$24.00
Per dozen	\$40.00
Per dozen	\$56.00



HAND DUSTER

## Liquid Veneer Mops and Polish



CHAMPION



JUNIOR



VICTORY



HAND

Liquid Veneer mops are made of highest grade cotton twine, fastened to a triangular steel frame and can be easily removed for washing, a new swab can also be obtained to replace a worn out one; they are sold complete with 54 inch handles.



- CHAMPION; large size; triangular shape; polish mop; weight per dozen 24 lbs.  
 JUNIOR; medium size; triangular shape; polish mop; weight per dozen 18 lbs.  
 VICTORY; small size; triangular shape; polish mop; weight per dozen 15 lbs.  
 HAND; hand size; round shape; polish mop; weight per dozen 15 lbs.  
 DRY MOP; large size; triangular shape; dusting mop; weight per dozen 7 lbs.

Extra Swabs—For Champion Mops. Per dozen, \$21.00 For Junior Mops.

Extra Swabs—For Victory Mops. Per dozen, \$12.80 For Dry Mops.

4 oz. Polish; in bottles; weight per dozen 9 lbs.

12 oz. Polish; in bottles; weight per dozen 19 lbs.

Quarts, Polish; in cans; weight per dozen 32 lbs.

Half gallons, Polish; in cans; weight per dozen 60 lbs.

Gallons, Polish; in cans; weight per dozen 118 lbs.

Per dozen	\$32.00
Per dozen	\$28.00
Per dozen	\$20.00
Per dozen	\$9.60
Per dozen	\$32.00
Per dozen	\$16.80
Per dozen	\$21.00
Per dozen	\$4.80
Per dozen	\$9.60
Per dozen	\$20.00
Per dozen	\$32.00
Per dozen	\$56.00

BIG SNAP DEAL  
contents

- 2 dozen Polish 4 oz. size  
 2 dozen Polish 12 oz. size  
 2 dozen Polish 4 oz. size FREE

Per Deal, \$28.80

LITTLE CORKER DEAL  
contents

- 11 1/2 dozen Polish 4 oz. size  
 1 1/2 dozen Polish 12 oz. size  
 1 1/2 dozen Polish 4 oz. size FREE

Per Deal, \$12.00



## Polish and Wax

### LIQUID VENEER



**LIQUID VENEER**; is a non-coloring, non sticky liquid for cleaning, renewing and polishing pianos, furniture and automobiles; it preserves the finish and improves the appearance.

Size.....	4 oz.	12 oz.	Quart	Half gallon	Gallon
Weight per dozen, lbs.....	9	20	31	58	116
Per dozen.....	\$4.80	9.60	20.00	32.40	56.40

One dozen in package.

**Little Giant Deal of Liquid Veneer** contains: 1½ dozen 4 ounce; ½ dozen 12 ounce and two only 4 ounce free.

Per Deal..... \$12.00

**Dandy Deal of Liquid Veneer** contains: 2 dozen 12 ounce; 3 dozen 4 ounce and ½ dozen 4 ounce and one only 32 ounce free.

Per Deal..... \$33.60

Each deal packed in a case with advertising matter

### VLIT POLISH



**VLIT polish** for furniture, automobiles and all other high gloss paint or enamel finish surfaces; does not contain acid; polishes quickly and preserves the finish; produces a velvet finish, and prevents mud or dirt from adhering to the surface.

Size ounces.....	4	12
Weight per dozen, lbs.....	9	20
Per dozen.....	\$4.00	8.00

One dozen in box.

### POWDERED WAX



<b>JOHNSONS</b> ; for dancing floors; powdered form; in sifter top cans.	
Size.....	small large
Number in case.....	120 100
Each.....	\$ .66 .94

### PASTE WAX



**JOHNSONS**; for waxing and polishing floors of all kinds, wood linoleum, tile, marble, etc; produces smooth glossy finish, which is easily dusted and kept in good condition.

Size, lbs.....	1	2	4
Number in case.....	100	50	24
Each.....	\$1.32	2.66	4.66

### LIQUID WAX



**JOHNSONS**; for polishing furniture, phonographs; automobiles, etc; produces a high gloss and keeps dust and dirt from destroying the finish.

Size.....	½ Pts	Pts	Qts
Number in case.....	96	48	24
Each.....	\$ .66	1.14	2.00

### PASTE WAX



**OLD ENGLISH**; for waxing and polishing floors of wood, linoleum etc; dries and polishes quickly and retains the natural color of the material on which it is used.

Size, lbs.....	1	2	4
Number in case.....	100	50	24
Each.....	\$1.32	2.66	4.66

### COLD SOLDER



**Hercules cold solder**; in paste form; mends kitchen utensils; pipes; radiators, etc; without heat or acid; makes a permanent repair which withstands heat or pressure; two dozen in a display case. Weight per case 3½ lbs.

Per case..... \$11.20

### INK



**Sultana writing fluid**; blue black; does not get thick; recommended for fountain pen use; bottles contain 2 ounces; weight per dozen 4 lbs.

Per dozen..... \$1.20

One dozen in a box.

### CROCKERY MENDER



**Instant crockery mender**; for mending china, crockery, glassware, ivory, porcelain, etc; does not thicken unless exposed; weight per dozen 2 lbs.

Per dozen..... \$3.80

One dozen in display carton.



## Shoe Polish



Sultana glycerine dressing produces a lasting black gloss without rubbing; contains no acid; preserves the leather; weight per dozen 4 1/2 lbs.

Per dozen \$3.50



Sultana white liquid dressing; ready for use; for canvas shoes, belts, caps etc.; sponge for applying goes with each bottle; weight per dozen 5 lbs.

Per dozen \$2.30



Polo shoe polish; for any kind of leather where a high gloss black finish is desired; contains no acid; not injurious to the leather; weight per dozen 2 lbs.

Per dozen \$2.20



Two in one paste shoe polish; a leather preservative; easily applied; quickly polished; supplied in black, brown, tan, ox blood and white; weight per dozen 2 lbs.

Per dozen \$2.70

One dozen in a box.

## GLUE



Le Pages' Liquid glue, in tubes, bottles and cans; always ready for use; economical and unsurpassed for strength and durability; amber color; a size for every purpose.

Number	27	25	26	29	30	31
Container	tube	bottle	bottle	tin	tin	tin
Size	1 oz.	1 oz.	2 oz.	1/2 gill	gill	1/2 pint
Weight per dozen, lbs.	1 1/2	2 1/2	5	4	5	10
Per dozen	\$3.20	3.20	4.00	4.00	4.80	8.00

Number	32	33	34	35	36
Container	tin	tin	tin	tin	tin
Size	pint	quart	1/2 Gal.	Gallon	6 Gallon
Weight per dozen, lbs.	19	38	63	125	750
Per dozen	\$13.60	24.00	37.33	72.00	404.00

## SHEET GLUE

Kind	Common	French Medal	Fish
Color	Brown	Amber	White
Per Pound	\$ .24	.35	.40

Open stock.

## MUCILAGE



Sultana mucilage; made from pure, clear, gum and does not deteriorate or take on offensive odor; size of bottles 2 ounces packed one dozen in a box with brushes.

Per dozen \$1.40

## DRY PASTE



Stick-Fast; ready for use with cold water; clean, convenient, sanitary and economical; for paper-hanging, labelling or all other purposes where a paste is required.

Size, lbs.	1	2
Per dozen	\$4.00	7.70

Three dozen in a case.



KLEENUP—Free from grit, or other harsh ingredients, and therefore harmless to the most delicate skin; it removes quickly, grease, stains and dirt of all kinds, and keeps the hands smooth and soft; cleans kitchen utensils, baths, sinks, etc.; large tins weight per dozen 13 1/2 lbs.

Per dozen \$4.50

Three dozen in a case.



UNION—A hand cleaner and also an effective and speedy cleaner for kitchen utensils, etc.; contains no harmful ingredients; weight per dozen 8 1/2 lbs.

Per dozen \$2.00

Three dozen in a case.



SNAP—Composed of neutral oils, powdered pumice and glycerine; does not contain any acids, or alkali; a real cleaner for the hands, pots, pans, aluminumware, sinks, marble, tiling, oilcloth etc.; weight per dozen 7 1/2 lbs.

Per dozen \$3.70

Three dozen in a case.



METAL POLISH



Brasso Metal Polish; for polishing brass, copper, zinc, steel, etc., does not contain injurious chemicals, easy to apply, lasting, brilliant and economical.

Number	3	6	12	24
Size, pints	1/4	1/2	1	2
Weight per dozen, lbs	4	7	15	32
Per dozen	\$3.00	5.00	9.90	22.80

One dozen in a box.



Putz cream; unrivalled for polishing brass signs, railings, copper, zinc, door trimmings, household articles, golf sticks and automobile trimmings.

Number	1	2	3
Size, pints	1/4	1/2	1
Weight per dozen, lbs	5	10	18

Per dozen	\$2.88	4.80	8.60
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Number	4	5	6
Size, pints	2	4	8
Weight per dozen, lbs	34	60	116

Per dozen	\$14.40	24.00	43.20
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One dozen in a box.

SILVER POLISH



SILVO; for cleaning and polishing silver plate and glass ware; gives a brilliant lustre; does not scratch.

Size, ounces	3	6
Weight per dozen, lbs	2 1/2	5 1/2
Per dozen	\$3.00	5.00

One dozen in a box.

STOVE POLISH

LIQUID



Sultana liquid polish; contains no benzine; non explosive; produces a fine lustre and can be used on a warm stove with safety; weight per dozen 7 lbs.

Per dozen	\$3.20
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Three dozen in a case.

PASTE



Sultana paste polish; jet black; easily applied; no dust; no odor; produces a fine gloss finish; weight per dozen 10 lbs.

No. 12—Per dozen	\$2.50
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One dozen in a box.

BON AMI



Bon Ami Soap; for cleaning glass, metals, canvas, enamelled surfaces, kitchen utensils etc., in cakes or sifter top cans; weight per dozen 8 lbs.

Per dozen	\$2.90
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Three dozen in a case.

STOVE PIPE VARNISH



Everjet black enamel; can be used on metal or wood; produces a high permanent gloss; quick drying; for stove pipes, registers, radiators, coils, furnaces, ranges or stove parts. Weight per dozen 9 lbs.

Per dozen	\$2.80
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Three dozen in a case.



Sultana stove pipe varnish; quick drying; odorless; easily applied; does not burn off. Weight per dozen 9 lbs.

Per dozen	\$3.40
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One dozen in a box.

KNIFE POLISH



Wellington; a fine grade powder for use with knife boards for cleaning and polishing table knives, carvers etc., in sifter top cans; weight per dozen 15 lbs.

Per dozen	\$2.70
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One dozen in a box.



## PARIS GREEN

Bergers; warranted pure; conforms to government standard; containing over 50% arsenious oxide and under 3% arsenious oxide; water soluble.

600 lb barrels	Per pound	\$
250 lb barrels	Per pound	\$
250 lb kegs	Per pound	\$
100 lb drums	Per pound	\$
50 lb drums	Per pound	\$
25 lb drums	Per pound	\$
1 lb tins	Per pound	\$
1/2 lb tins	Per pound	\$
1 lb papers	Per pound	\$
1/2 lb papers	Per pound	\$

## RESIN

Lump resin; dark amber color; for finners and varnish makers use; barrels contain about 500 lbs.

In barrel lots	Per pound	\$0.07
In small lots	Per pound	\$0.09

## CAUSTIC SODA

Lump caustic; a chemical used for soap making and also cleaning boilers etc., free from adulteration; clean to handle; drums contain 100 lbs.

Per drum	\$10.50
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## WHITING

Gilders white; for whitewashing and decorating; barrels contain about 336 lbs.

Bolted in barrel lots	Per pound	\$
Bolted in small lots	Per pound	\$
Lump, in barrel lots	Per pound	\$
Lump, in small lots	Per pound	\$

## PLASTER PARIS

Fine ground white; for plasterers use; also used for plaster casts and ornaments. Barrels contain about 300 lbs.

In barrel lots	Per pound	\$0.12
In small lots	Per pound	\$0.10

## SWEEPING COMPOUND



Anti-dust sweeping compound; sanitary; clean to use

200 lb barrels	Each	\$14.00
100 lb drums	Each	\$10.00
50 lb drums	Each	\$5.50

## SAPHO PUFFER



Sapho insect powder; for vermin of all kinds in the house or on domestic animals; not injurious and non-poisonous; pull out the nail and use box as a puffer as shown in illustration. Weight per dozen 2 lbs.

Per dozen	\$2.80
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## GILLETTS LYE



Gillett's perfumed lye; powdered; strongest and purest; for making hard or soft soap, disinfecting, cleaning, washing, scrubbing floors, etc., one pound cans;

Per case	\$10.60
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Four dozen in a case.

## FLY TRAPS



Balloon; retinned wire gauze; bright tin frame; to kill flies immerse in hot water; cone easily removed to take out dead flies. Weight per dozen, 4 lbs.

Per dozen	\$5.30
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Dozen in carton.

## FLY SWATTERS



Dunlop. Fine wire, cloth 4 1/4 inches in diameter, rubber bound, length with handle 18 inches. Weight per dozen 1 1/2 lbs.

Per dozen	\$2.40
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Dozen in package.



Canada; wood handle; fine wire cloth; cushioned frame prevents crushing fly. Weight per dozen 2 lbs.

Per dozen	\$1.80
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Dozen in package.

## Fly Paper



Tanglefoot fly paper; size of sheet 14 1/2 x 8 inches; sanitary; non-poisonous; 50 double sheets in a carton 5 cartons in a case. Weight per case 24 lbs.

Per case	\$10.70
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Per carton	\$2.20
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National Fly Coils; length of coil 30 inches; clean to use; hangs from ceiling; in cool weather warm before hanging up; 100 coils in a box; weight per box 2 1/4 lbs.

Per box	\$3.00
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Fly pads; a poisonous pad for killing flies; clean to use and very effective; directions in each pad. 50 pads in a carton. Weight per carton 3 1/2 lbs.

Wilson, Per carton	\$6.50
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Beaver, Per carton	\$3.50
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# Wire Brushes



No. 1777—Scratch Brush; 3 rows; length of wire 1 1/4 inches; size of block 14 x 1 1/4 inches; length of brush part 6 inches; weight per dozen 1 lbs.

Per dozen \$7.00



No. 410—Butchers block brush; 12 rows; length of wire 1 inch; size of block 9 x 4 inches; weight per dozen 10 lbs.

Per dozen \$8.00



No. 1781—Scratch brush; 4 rows; length of wire 1 1/4 inches; length of brush part 5 1/4 inches; weight per dozen 3 1/2 lbs.

Per dozen \$6.00



No. 1780—Scratch brush; 6 rows; length of wire 1 1/4 inches; size of block 7 1/4 x 2 1/4 inches; weight per dozen 6 1/2 lbs.

Per dozen \$8.50



No. 105—Butchers block brush; 10 rows; length of wire 1 1/2 inches; size of block 7 3/4 x 2 3/4 inches; weight per dozen 10 lbs.

Per dozen \$7.00



No. 1779—Scratch brush; 21 rows; length of wire 1 1/4 inches; size of block 7 x 3 inches; weight per dozen 9 lbs.

Per dozen \$8.50



No. 1778—Dusting or bench brush; 6 rows; length of wire 2 1/2 inches; size of block 2 1/2 x 1 1/4 inches; length of handle 6 inches; weight per dozen 4 lbs.

Per dozen \$7.50



No. 187—Sink brush; length of wire 3 inches; length of handle 6 inches; varnished handle; weight per dozen 3 lbs.

Per dozen \$3.30

## WIRE BRUSH ASSORTMENT

No. E.—Contains the following wire brushes shown above 1/2 dozen No. 1777; 1/2 dozen No. 1781; 1/2 dozen No. 1780; 1/2 dozen 1779; 1/3 dozen No. 105 and 1/3 dozen No. 1778 in neat counter display carton; weight per assortment 8 lbs.

Per assortment \$18.00

# Whisks



No. 911—two string; plush cap; loop hanger; good corn; length of corn 7 1/2 inches; weight per dozen 3 lbs.

Per dozen \$6.00



No. 900—One string; black enamelled handles; good corn; length of corn 6 1/4 inches; weight per dozen 2 1/4 lbs.

Per dozen \$5.50  
One dozen in a bundle.

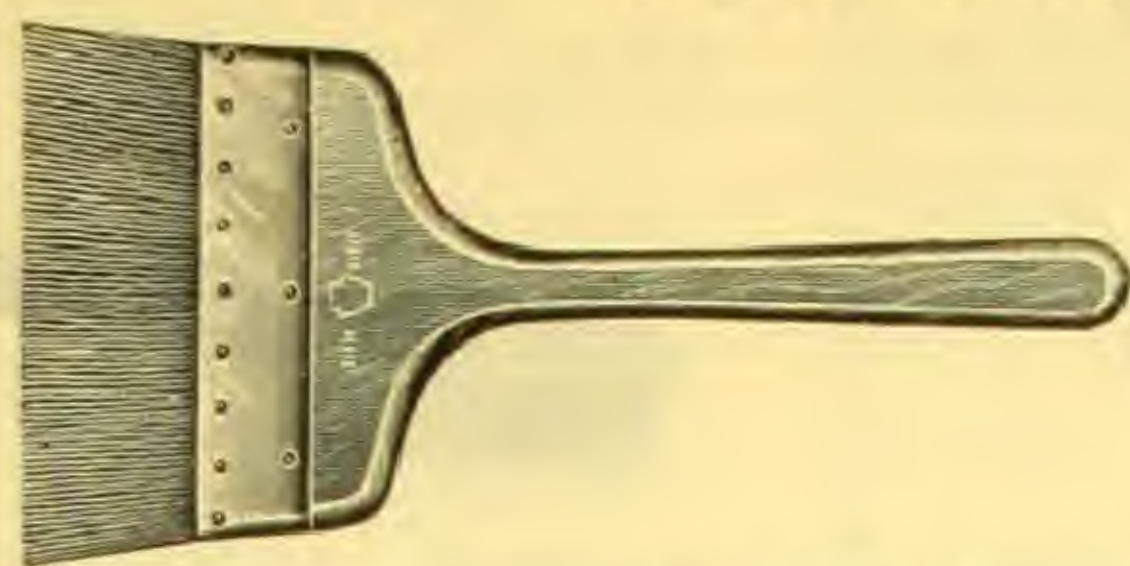


No. 1035—Two string; nickel cap with ring; finest corn; length of corn 7 1/2 inches; weight per dozen 3 1/2 lbs.

Per dozen \$8.00



## White Wash and Kalsomine Brushes

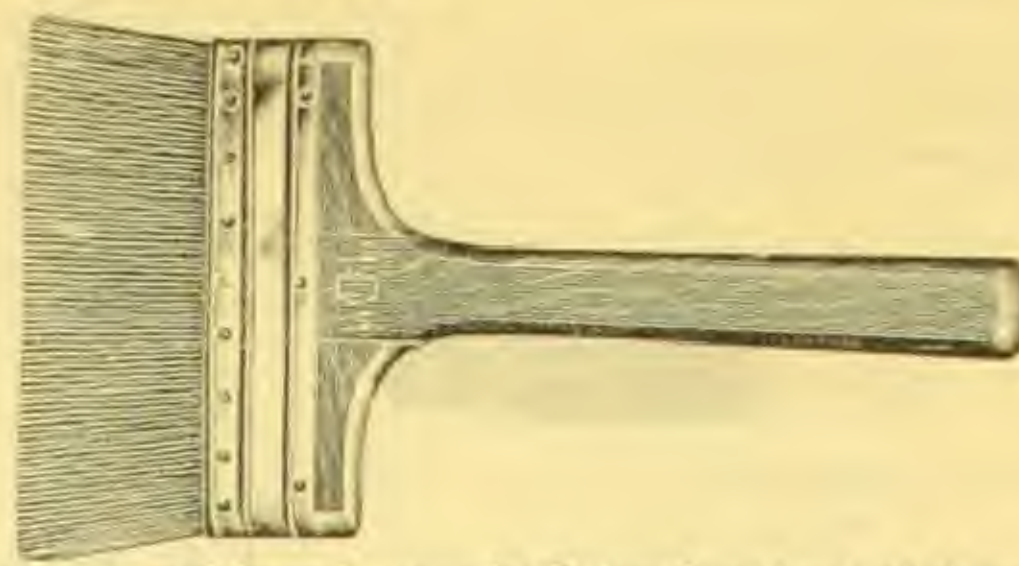


Polar; whitewash; tin bound; securely fastened; white fibre filler; plain handle.

Size, inches	6	7	8
Weight per dozen, lbs	5	6	7
Per dozen	\$4.50	4.90	5.40

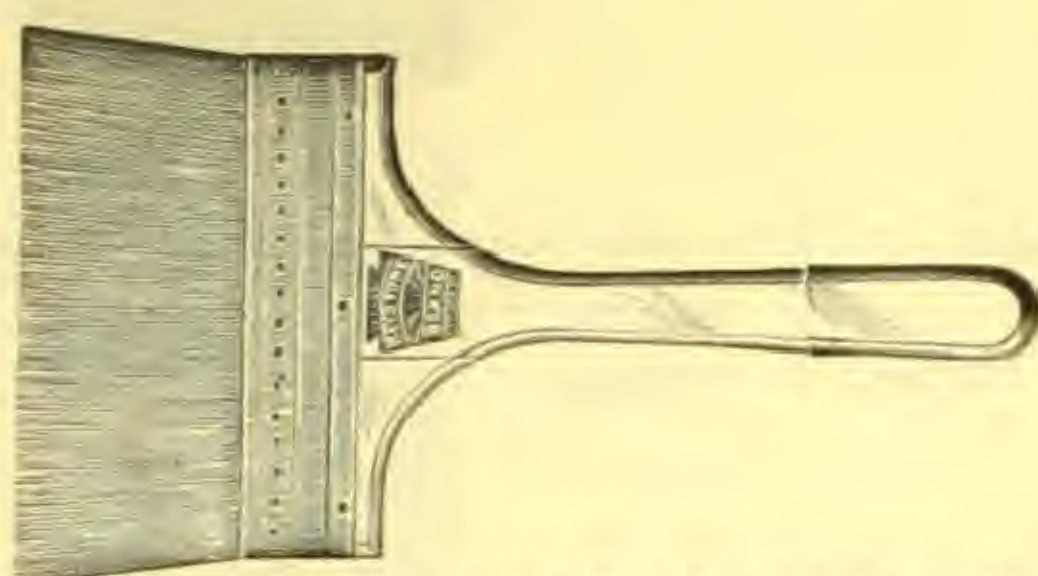
NOVAK; Kalsomine; similar in appearance to Kracker; black bristle filler; set in rubber; length of bristles 3 inches; width 6 inches; length over all 12½ inches; an ideal household brush; varnished handle; weight per dozen 6 lbs.

Per dozen	\$19.00
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Kracker; Kalsomine; metal bound; securely fastened without pitch or cement; white fibre filler; plain handle; a good, low priced brush.

Size, inches	6	7	8
Weight per dozen, lbs	6	7	8
Per dozen	\$5.40	6.00	7.00

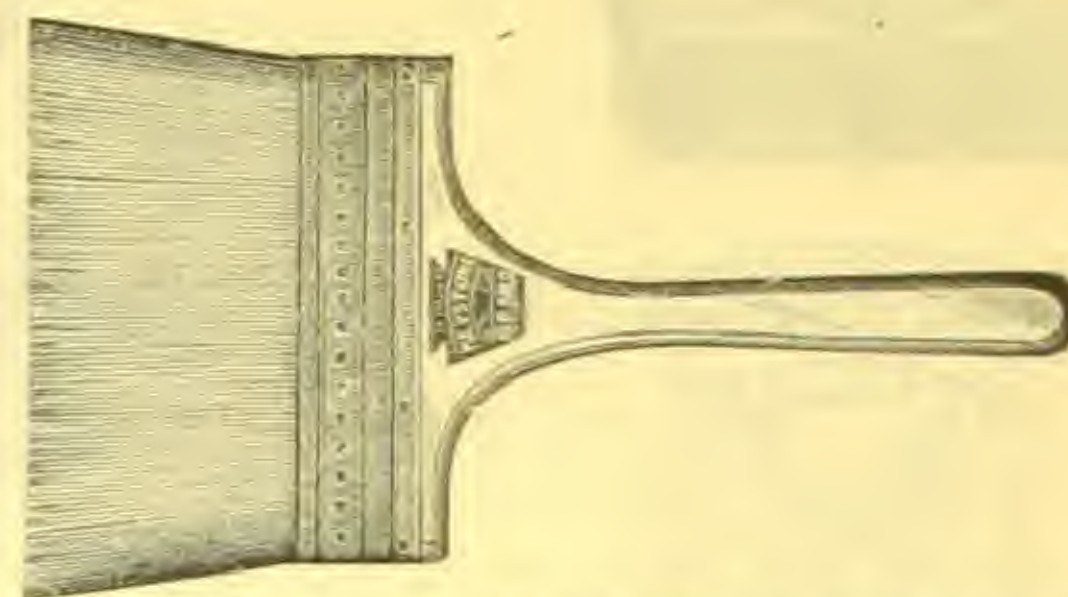


Queen; Kalsomine; metal bound; varnished handle; white bristles outside; extra white mixed centre; length of filler 2¾ inches.

Size, inches	6	7	8
Weight per dozen, lbs	6	7	8
Per dozen	\$11.50	13.70	15.80

Monarch; Kalsomine; metal bound; varnished handles; white bristle outside, extra white mixed centre; length of filler 3¾ inches.

Size, inches	7	8
Weight per dozen, lbs	7	8
Per dozen	\$22.20	25.00



China; Kalsomine; metal bound; red polished handles; black china bristles; length of filler 3 inches.

Size, inches	7
Weight per dozen, lbs	7
Per dozen	\$42.00

Soudan; Kalsomine; nickel ferrules; polished handles; fine black china bristles; length of filler 3¾ inches.

Size, inches	7
Weight per dozen, lbs	7½
Per dozen	\$60.00

Half dozen in a bundle.

## SQUARE HEADS



White fibre; staple fastened; sold without handles.

Number	311	312	313
Size of block, inches	3½x4	2¾x8	4½x8
Weight per dozen, lbs	6	7½	9
Per dozen	\$4.20	6.80	9.00

## WINDOW BRUSHES

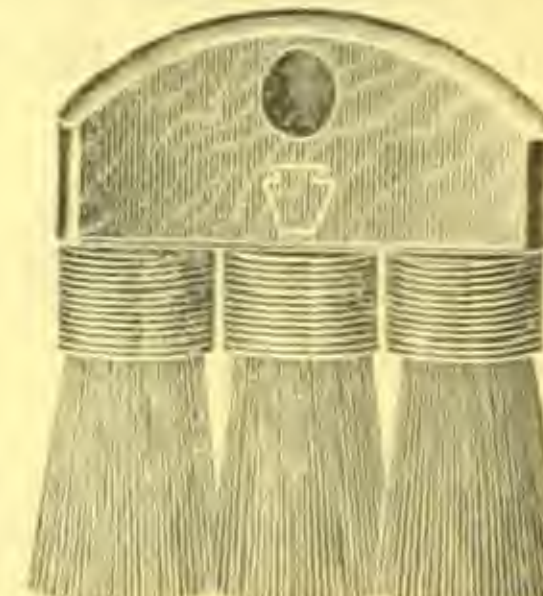


White outside, with grey centre filler; solid round black; polished; sold without handles.

Number	303
Diameter, inches	4¼
Weight per dozen, lbs	7½
Per dozen	\$10.50

Open stock.

## TAR HEADS



Fibre filler; metal ferrules; solid blocks; three knots; sold without handles.

Number	583
Weight per dozen, lbs	15
Per dozen	\$15.00

## BANNISTER BRUSHES



Highly polished blocks; steel fastened filler;

Name	Polo	Primrose	Pearl
Size, inches	8	8	6
Filler	grey fibre	black hair	grey hair
Weight per dozen, lbs	5½	5½	4
Per dozen	\$9.20	14.40	9.00

Quarter dozen in a box.

## RADIATOR BRUSHES



No. 726—Hardwood handle; varnished black hair filler; length over all 27 inches. For cleaning radiators, steam and hot water pipes etc., weight per dozen 5 lbs.

Per dozen	\$8.50
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Half dozen in a bundle.

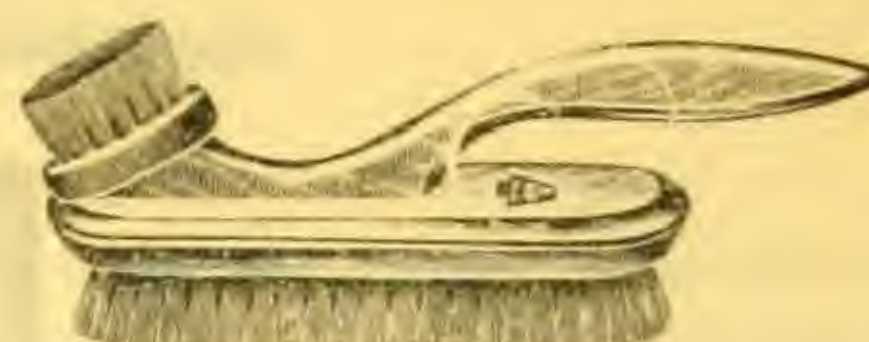


# Shoe Brushes



No. 230—Handled; with top dauber; solid back; black fibre filler; varnished; weight per dozen 6 lbs.

Per dozen \$5.00



No. 232—Handled; with top dauber; solid back; black bristle outside with black bristle centre filler; varnished back; stained red handle; weight per dozen 6½ lbs.

Per dozen \$5.30

Half dozen in a bundle.

## STOVE BRUSHES



No. 255—Handled; solid back; black fibre filler; unvarnished; weight per dozen 6½ lbs.

Per dozen \$5.30



No. 253—Handled; solid back; black fibre filler; winged pattern; weight per dozen 6 lbs.

Per dozen \$4.40

Half dozen in a bundle.

## SHOE DAUBER



No. XXX—Metal handle; tinned finish; mixed black filler; securely fastened; weight per dozen 3 lbs.

Per dozen \$3.00

One dozen in a bundle.

## STOVE DAUBER



No. 291—Straight handle; varnished finish; black fibre filler; weight per dozen 2 lbs.

Per dozen \$1.80

## SCRUB BRUSHES



No. 79—Rice root; square end; size 8 inches; weight per dozen 5 lbs.

Per dozen \$2.60



No. 500—White fibre; solid back; length 8¾ inches; double pointed; plain; weight per dozen 5½ lbs.

Per dozen \$2.70

No. 464—Bass; solid back; size 8½ x 2½ inches; square end; weight per dozen 5 lbs.

Per dozen \$2.50

No. 465—White fibre; otherwise as 464.

Per dozen \$3.50



Gem—Bass; solid back; two wing ends; length 10½ inches; weight per dozen 6 lbs.

Per dozen \$3.20

## NAIL SCRUBS



No. 425—Bass; solid hardwood backs; square ends; length 8¾ inches; long stock; weight per dozen 6 lbs.

Per dozen \$3.50



No. 792—White fibre; four rows; solid oblong block 5 x 1½ inches; plain; weight per dozen 1½ lbs.

Per dozen \$1.00



No. 1408—White fibre with cocoa centre; solid oval back; plain; weight per dozen 2 lbs.

Per dozen \$2.50

Scrub brushes one-half dozen and nail brushes one dozen in a bundle.



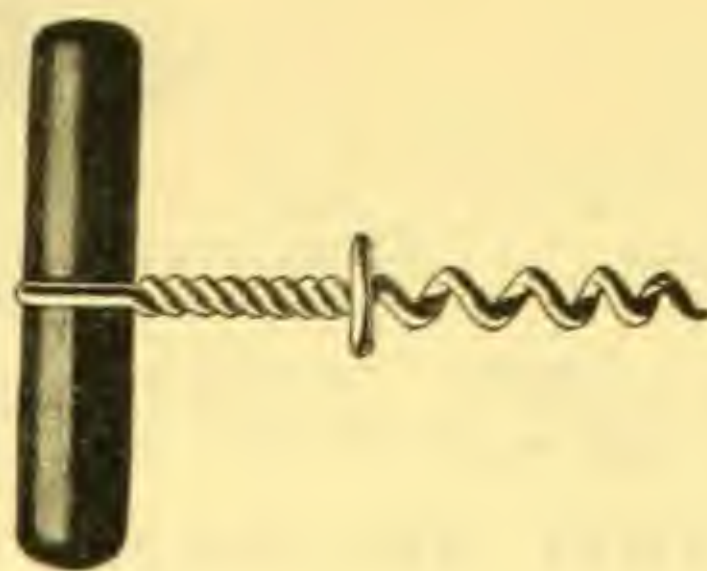
## Corkscrews



Nifty; combined corkscrew and can opener; nickel plated finish; thin pattern; handy pocket size; weight per dozen 7 ounces.

Per dozen ..... \$1.50

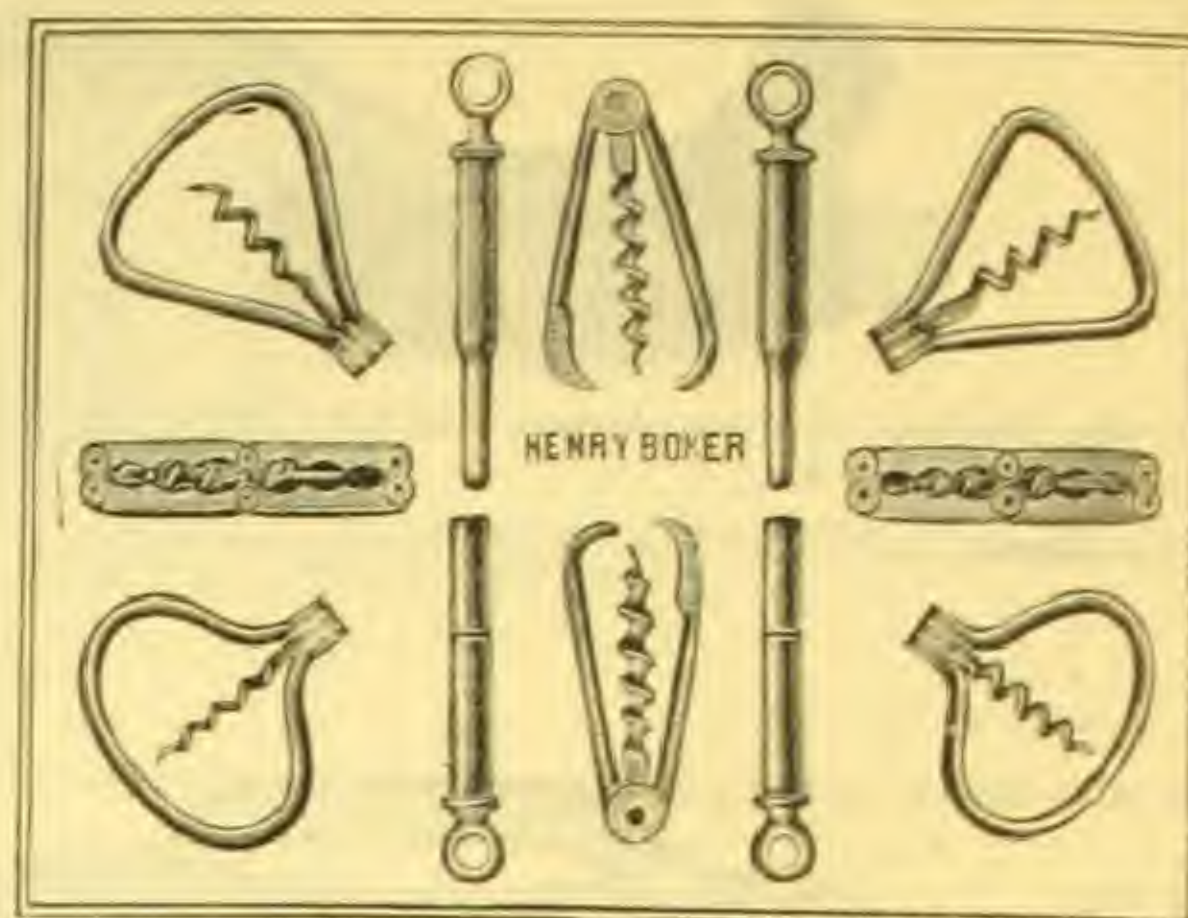
One dozen on a card.



Newire; wood handle; tinned wire screw with wood guard; weight per dozen 1 1/4 lbs. Per dozen.....

\$1.20

One dozen in a box.



No. 6860.—Assortment; all metal; folding style; assorted patterns and sizes; size of card 10 x 12 inches; weight per card 1 1/4 lbs. Per assortment.....

\$6.50

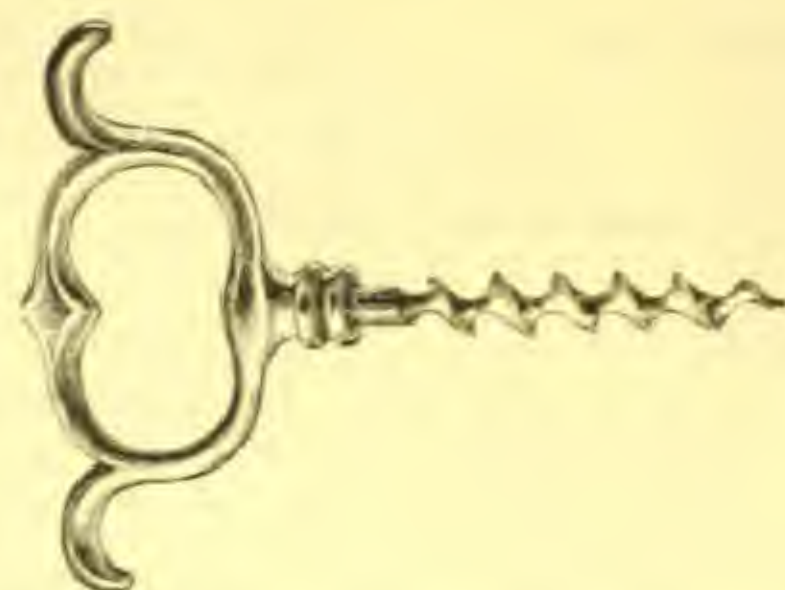
One dozen on a card.



No. 6759.—Self pulling style; ebonized handle; nickel plated frame; spiral screw; length 6 1/4 inches; weight per dozen 2 1/2 lbs. Per dozen.....

\$5.50

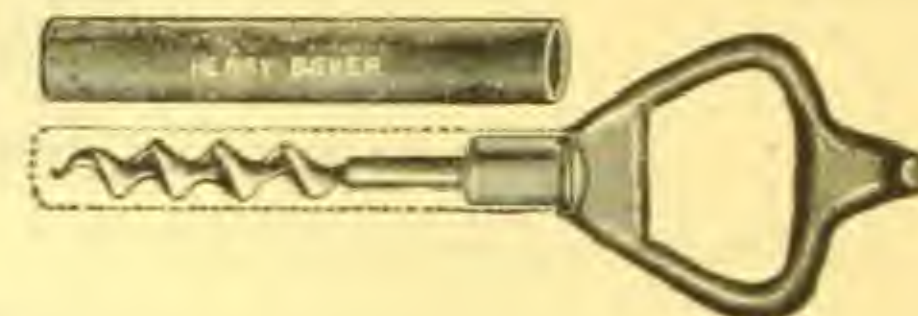
Half dozen in a box.



No. 6340.—Metal handle; four finger grip; nickel plated finish; spiral screw; length 4 inches; weight per dozen 1 1/2 lbs. Per dozen.....

\$2.80

Half dozen in a box.



No. 6338.—Corkscrew and cap lifter; nickel plated finish; metal guard; length 4 inches; weight per dozen 1 1/2 lbs. Per dozen.....

\$3.20

One dozen in a box.

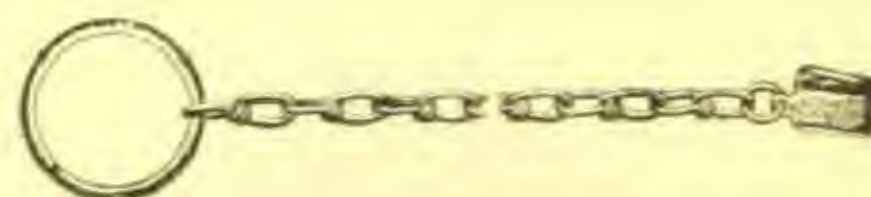
## Key Chains



Aluminum; flat link; with button loop and split ring; length 18 inches; weight per dozen 3/4 lb.

Per dozen..... \$1.60

One dozen in a box.



Steel; double loop link, sure grip fastener; split steel ring; weight per dozen 1 1/4 lbs.

Per dozen..... \$2.00

Bronze; as above only, made of bronze throughout.

Per dozen..... \$2.50

## Key Rings



Split steel; nickel plated; one dozen assorted 3/4 to 1 1/4 inch on a card.

Per dozen..... \$ .60

## Violin Strings



Silver Plated Steel; finely finished; uniform quality.

Number	1	2	3	4
Key	F	A	D	C
Per dozen	\$ .59	.51	.89	1.00

One dozen in a box. One gross in a carton.

Select Cut; high grade dependable quality.

Number	1	2	3	4
Key	E	A	D	G
Per package	\$6.50	\$9.00	\$8.50	\$6.50

Thirty in a Package

## Magnets



No. 1750—Horseshoe magnets; soft steel; red bow; polished ends and bar.

Length inches	2 1/2	3	4
Weight per doz. lbs.	1	1 1/4	1 3/4
Per dozen	\$1.00	1.40	2.60

One dozen in a box.

## Drinking Cups



Aluminum; collapsible; convenient for carrying; height 2 1/4 inches; weight per dozen 3/4 lb.

Per dozen..... \$1.60

One dozen in a box.



# VIKO The Popular Aluminum

"VIKO" Aluminumware shown on this and succeeding pages is spun from sheets of 99 per cent pure metal with every care being taken to produce an article free from blemish that will give the maximum of service for the various purposes for which they are intended.



## REGULAR TEA KETTLES

Polish finish. Welded, easy filling spouts. No-burn knobs. Bail rest ears. Wide, quick-heating bottoms. Sturdy, uncountersunk rivets. Tightly rolled, sanitary heads.

No.	Cap. Qts.	Diam. Bot. In.	Each
5033½	3½	7¾	\$4 10
5035	5	9	\$4 80
5037	7	9¾	\$5 60
5038	8	10½	\$6 10



## COLONIAL TEA KETTLES

Polish finish. Welded, easy-filling spouts. No-burn knobs. Bail rest ears. Wide, quick-heating bottoms. Sturdy, uncountersunk rivets. Tightly rolled, sanitary heads. Colonial angles give added strength.

No.	Cap. Qts.	Diam. Bot. In.	Each
5625	5	9	\$5 00
5627	7	9¾	\$5 90
5628	8	10½	\$6 40



## LIGHT TEA KETTLES

Polish finish. Welded, easy-filling spouts. No-burn knobs. Bail rest ears. Wide, quick-heating bottoms. Sturdy, uncountersunk rivets. Tightly rolled, sanitary heads.

No.	Cap. Qts.	Diam. Bot. In.	Each
7033½-L	3½	7¾	\$3 80
7035-L	5	9	\$4 50



## REGULAR DOUBLE BOILERS

Polish finish; inside Sun-ray finish. No-burn knobs. Cool, heavily tinned steel, easy-lifting handles. Extra large bottom vessels to avoid cooking dry. Sturdy, uncountersunk rivets. Tightly rolled, sanitary heads.

No.	Cap. Qts.	Diam. Top In.	Diam. Bot. In.	Depth In.	Each
Inside Pans					
5121½	1½	5¼	5	4½	\$3 10
5122	2	6	5½	5	\$3 80
5123	3	6½	6	5½	\$4 40



## COLONIAL DOUBLE BOILERS

Polish finish; inside Sun-ray finish. No-burn knobs. Cool, heavily tinned steel, easy-lifting handles. Extra large bottom vessels to avoid cooking dry. Sturdy, uncountersunk rivets. Tightly rolled, sanitary heads. Colonial angles give added strength.

No.	Cap. Qts.	Diam. Top In.	Diam. Bot. In.	Depth In.	Each
Inside Pans					
5601½	2	5½	6	4½	\$3 20
5602	3	6	6½	5¼	\$4 00
5603	4	6½	7½	5¾	\$4 70



## LIGHT DOUBLE BOILERS

Polish finish; inside Sun-ray finish. No-burn knobs. Extra large bottom vessels to avoid cooking dry. Cool, hollow, tin handles. Sturdy, uncountersunk rivets. Tightly rolled, sanitary heads.

No.	Cap. Qts.	Diam. Top In.	Diam. Bot. In.	Depth In.	Each
Inside Pans					
1091½-L	1½	6¼	5½	3½	\$2 20
1092-L	2¼	6½	5½	3½	\$2 60



## LIPPED PRESERVING KETTLES

Polish finish; inside Sun-ray finish. Bail rest ears. Tilting handles with holes for hanging. Sturdy, uncountersunk rivets. Tightly rolled, sanitary heads.

No.	Cap. Qts.	Diam. Top In.	Diam. Bot. In.	Depth In.	Each
5054	4	9½	6½	4½	\$2 20
5055	5	10	7½	4¾	\$2 70
5056	6	10	7½	5¼	\$3 00
5058	8	11	8	6	\$3 50
5060	10	12½	8¾	6½	\$3 90
5062	12	13½	9¾	6½	\$4 70
5064	14	13¾	10¾	6½	\$6 10
5066	16	14¾	10¾	7¼	\$6 70



## REGULAR CONVEX KETTLES

Polish finish; inside Sun-ray finish. No-burn knobs. Inset covers. Bail rest ears. Sturdy, uncountersunk rivets. Tightly rolled, sanitary heads, upturned on covers.

No.	Cap. Qts.	Diam. Top In.	Diam. Bot. In.	Depth In.	Each
5094	4	8½	6	4¾	\$2 70
5096	6	10	7½	5½	\$3 50
5098	8	10½	8½	6	\$4 10
5100	10	11½	9½	6½	\$4 50
5102	12	12¼	9¾	7½	\$5 50



## LIGHT CONVEX KETTLES

Polish finish; inside Sun-ray finish. No-burn knobs. Inset covers. Bail rest ears. Sturdy, uncountersunk rivets. Tightly rolled, sanitary heads, upturned on covers.

No.	Cap. Qts.	Diam. Top In.	Diam. Bot. In.	Depth In.	Each
7094-L	4	8½	6	4¾	\$2 50
7096-L	6	10	7½	5½	\$2 90
7098-L	8	10½	8½	6	\$3 60



## VIKO The Popular Aluminum



## CONVEX SAUCE PANS

Polish finish; inside Sun-ray finish. No-burn knobs. Inset covers. Cool, heavily tinned steel handles. Sturdy, uncountersunk rivets. Tightly rolled, sanitary beads, upturned on covers.

No.	Cap. Qts.	Diam. In.	Top Diam. In.	Bot. In.	Depth In.	Each
5082	2	6 5/8	4 7/8	4 1/8	3 1/8	\$1.50
5083	3	7 7/8	5 1/8	4 5/8	3 1/8	\$2.00
5084	4	8 5/8	6	4 3/4	3 1/8	\$2.50
5086	6	10	7 1/2	5 3/8	3 1/8	\$3.10



## LIPPED STEW PANS

Polish finish; inside Sun-ray finish. Twin lipped. Cool, heavily tinned steel handles. Sturdy, uncountersunk rivets. Tightly rolled, sanitary beads.

No.	Cap. Qts.	Diam. In.	Top Diam. In.	Bot. In.	Depth In.	Each
7241-L	1	7	5 1/2	5 1/2	2 3/4	\$0.70
7241 1/2-L	1 1/2	7 1/2	5 1/2	5 1/2	2 3/4	\$0.80
7242-L	2	8 1/2	6 1/2	6 1/2	3 1/2	\$1.00



## LIPPED SAUCE PANS

Polish finish; inside Sun-ray finish. Twin lipped. Cool, heavily tinned steel handles. Sturdy, uncountersunk rivets. Tightly rolled, sanitary beads.

No.	Cap. Qts.	Diam. In.	Top Diam. In.	Bot. In.	Depth In.	Each
7041-L	1	6 1/2	4 1/2	4 1/2	2 1/2	\$0.65
7041 1/2-L	1 1/2	6 1/2	4 1/2	4 1/2	2 1/2	\$0.80
7042-L	2	7 1/2	5 1/2	5 1/2	3 1/2	\$1.00
7043-L	3	8 1/2	6 1/2	6 1/2	4 1/2	\$1.50
7044-L	4	9	6 1/2	6 1/2	4 1/2	\$1.70
7045-L	5	10	7 1/2	7 1/2	4 1/2	\$2.00



## DAIRY PAIRS

Polish finish; inside Sun-ray finish. Bail rest ears. Sturdy, uncountersunk rivets. Tightly rolled, sanitary beads.

No.	Cap. Qts.	Diam. In.	Top Diam. In.	Bot. In.	Depth In.	Each
7810	10	11	8 1/2	8 1/2	8 1/4	\$3.50
2810	10	11	8 1/2	8 1/2	8 1/4	\$4.20
2812	12	11 1/2	8 1/2	8 1/2	8 1/4	\$4.70



## MILK PAIRS

Polish finish; sturdy uncountersunk rivets; tightly rolled, sanitary beads.

No.	Cap. Qts.	Diam. In.	Top Diam. In.	Height In.	Each
7672L	2	3 1/2	3 1/2	7	\$1.60



## DISH PAN

Polish finish; inside Sun-ray finish. Tightly rolled, sanitary bead. Tinned steel wire handles. Rounded edges.

No.	Cap. Qts.	Diam. In.	Top Diam. In.	Bot. In.	Depth In.	Each
7610-L	10	15 1/2	10	10 1/4	5 1/4	\$3.10
7614-L	14	16 1/2	10 1/4	10 1/4	5 1/4	\$3.60



## OVAL ROASTER

Polish finish. Cool, heavily tinned steel handles. Sturdy, uncountersunk rivets. Self-basting snugly fitting cover. Raised bottom to prevent burning and warping.

No.	Extreme Length In.	Width In.	Extreme Height In.	Each
5355	18 1/2	11 1/4	8	\$6.70



## DOUBLE ROASTER

Polish finish, bottom and top satin finish. Cool, heavily tinned steel handles. Sturdy, uncountersunk rivets. Self-basting cover.

No.	Extreme Length In.	Width In.	Height In.	Each
5004	15 1/4	9	6 3/4	\$5.20



## ROUND ROASTER

Polish finish. Tightly rolled, sanitary beads. Tinned steel wire handles. Self-basting covers.

No.	Diam. Top In.	Diam. Bot. In.	Height In.	Each
5010-L	10 1/4	7 1/4	5 1/2	\$2.50



## COVERS

5506.—Polish finish. No-burn knobs. Tightly rolled, sanitary upturned beads.

Diam. inches	8	8 1/2	9 1/4	9 1/2	10 1/2
Each	\$0.52	0.60	0.64	0.66	0.70
Diam. inches	11	11 3/16	11 1/4	12 3/16	12 1/2
Each	\$0.74	0.83	0.90	1.00	1.10



## PIE PLATES

Natural bright finish. Tightly rolled, sanitary beads.

No.	Diam. Top In.	Diam. Bot. In.	Depth In.	Each
5009-L	9	7	1	\$0.26
5005-L	10	7 1/2	1	\$0.32



## JELLY CAKE PAN WITH LOOSE BOTTOM

Rim dip finish; plate natural bright finish. Tightly rolled, sanitary bead.

No.	Diam. Top In.	Diam. Bot. In.	Depth In.	Each
4017-L	9 1/2	8	1	\$0.50



**VIKO The Popular Aluminum**



**PUDDING PANS**

Polish finish; inside Sun-ray finish. Tightly rolled, sanitary beads.

No.	Cap. Qts.	Diam. Top In.	Diam. Bot. In.	Depth In.	Each
5111	1	7½	5½	2½	\$0.80
5111½	1½	8½	6	2½	\$1.00
5112	2	9	6½	3½	\$1.20
5113	3	9½	7½	3½	\$1.30
5114	4	11½	8½	3½	\$1.60



**BREAD PANS — SEAMLESS**

Dip finish. Tightly rolled, sanitary bead. Rounded edges and corners.

No.	Top In.	Bottom In.	Depth In.	Each
5029-D	9½x5½	8½x4½	2¾	\$0.80



**DRIP PANS — SEAMLESS**

Polish finish. Tinned steel wire handles. Sturdy, uncountersunk rivets. Tightly rolled, sanitary beads. Rounded edges and corners.

No.	Top In.	Bottom In.	Depth In.	Each
5474	13½x10	12½x8½	1½	\$2.50
5475	14½x10½	13½x9½	1½	\$3.00
5476	16½x11½	14½x9½	2½	\$3.30



**MUFFIN PANS**

Natural bright finish.

No.	No. of Cups	Top In.	Diam. In.	Cups	Depth In.	Each
5370	6	11x7½	3	¾	¾	\$1.20
5371	9	11x11	3	¾	¾	\$1.70



**COLANDERS**

Polish finish; inside Sun-ray finish. Tinned steel wire handles. Sturdy, uncountersunk rivets. Tightly rolled sanitary beads. Well riveted, heavy aluminum legs.

No.	Diam. Top In.	Height In.	Each
5025	9¼	4½	\$2.40



**FUNNELS**

Polish finish. Have air vents.

No.	Cap.	Diam. Top In.	Diam. Bot. In.	Each
2913	6 Ozs.	3½	¾	\$0.40
2914	¾ Pt.	4½	¾	\$0.45
2916	1 "	5½	¾	\$0.75
2917	1½ Pts.	5¾	¾	\$0.85



**SKIMMERS**

Dip finish.

No.	Length In.	Diam. In.	Each
2955-D	11½	4½	\$0.30



**STRAINER LADLES**

Dip finish.

No.	Length In.	Diam. Bowl In.	Each
2995-D	12	4½	\$0.34



**LADLES**

Dip finish.

No.	Cap. Pts.	Length In.	Diam. Bowl In.	Each
2991-D	½	12	4½	\$0.34



**TEA OR COFFEE STRAINERS**

Dip finish.

No.	Length In.	Diam. Top In.	Depth In.	Each
2520-N	7½	2½	1½	\$0.20



**TEA OR COFFEE STRAINERS**

Dip finish.

No.	Diam. In.	Depth In.	Each
2516-N	3¾	½	\$0.12



**TEA STRAINERS**

Dip finish.

No.	Diam. Top In.	Depth In.	Each
2500-N	1½	1	\$0.16



**WATER PITCHER**

Polish finish; sturdy, uncountersunk rivets.

No.	Cap. Qts.	Height In.	Each
3756-L	3	9¾	\$2.90



**TEA BALLS**

Dip finish.

No.	Height In.	Diam. In.	Each
2552-D	2¾	2	\$0.20



**RECTANGULAR TRAYS**

Natural bright finish. Tightly rolled, sanitary beads.

No.	Length In.	Width In.	Height In.	Each
3027	16½	12½	1	\$2.90
3028	17½	13½	1	\$3.40



## VIKO The Popular Aluminum



CAST FRY PANS

Polish finish; inside Sun-ray finish. Handle sockets welded. Twin lipped. Replaceable handles with metal discs at ends to prevent splitting. Very heavy metal of uniform thickness.

No.	Diam. Top In.	Diam. Bot. In.	Depth In.	Each
5556	8 $\frac{1}{2}$	7 $\frac{1}{4}$	1 $\frac{1}{4}$	\$4.40
5557	9 $\frac{3}{4}$	8 $\frac{3}{4}$	2	5.00
5558	10 $\frac{3}{4}$	9 $\frac{3}{4}$	2	5.50



LIPPED FRY PANS

Polish finish; inside Sun-ray finish. Cool, heavily tinned steel handles. Sturdy, uncountersunk rivets.

No.	Diam. Top In.	Diam. Bot. In.	Depth In.	Each
5130	7 $\frac{3}{4}$	6 $\frac{3}{4}$	1 $\frac{1}{4}$	\$1.05
5131	9 $\frac{1}{2}$	7 $\frac{1}{2}$	1 $\frac{3}{4}$	1.90
5132	11	8 $\frac{3}{4}$	1 $\frac{3}{4}$	2.60



LIPPED FRY PAN

Polish finish; inside Sun-ray finish. Cool, heavily tinned steel handle. Sturdy, uncountersunk rivets. Tightly rolled, sanitary bead.

No.	Diam. In.	Depth In.	Each
5133-L	8 $\frac{1}{2}$	1 $\frac{1}{2}$	\$0.80



COMBINATION COOKIE AND DOUGHNUT CUTTERS

Dip finish. Inside cutter easily detached.

No.	Height In.	Diam. In.	Each
2573-N	3	2 $\frac{1}{4}$	\$0.24



COOKIE CUTTER

Dip finish.

No.	Height In.	Diam. In.	Each
2572	3	2 $\frac{3}{4}$	\$0.20



SALT AND PEPPER SHAKERS

Combination satin and polish finish. Self-righting.

No.	Height In.	Diam. In.	Pair
2361 $\frac{1}{2}$ -S	2 $\frac{1}{2}$	2 $\frac{1}{2}$	\$0.34



CUPS

Dip finish.

No.	Cap. In.	Diam. Top In.	Depth In.	Each
2282-N	$\frac{1}{2}$ Pt.	2 $\frac{1}{4}$	2 $\frac{1}{2}$	\$0.22



MEASURING CUPS

Dip finish; graduations embossed. Twin lipped.

No.	Cap. Pts.	Diam. Top In.	Depth In.	Each
2310-N	$\frac{1}{2}$	2 $\frac{1}{4}$	2 $\frac{1}{2}$	\$0.22



SUGAR OR SALT SHAKERS

Dip finish; cap polish finish.

No.	Diam. In.	Depth In.	Each
2470-N	2	2 $\frac{1}{4}$	\$0.24

## ALUMINUM CHILDS SETS



THREE PIECE

No. 3266 H.—Satin finish; cup knurled; contents cup, saucer and plate. Per set. \$0.55



EIGHT PIECE

No. 112 H.—Dip finish; contents, sauce pan, stew pan, pudding pan, convex kettle, preserving kettle, dish pan, fry pan and bread pan. Per set. \$2.70



FOUR PIECE

No. 163 H.—Dip finish; contents pudding pan, preserving kettle, sauce pan and fry pan. Per set. \$1.10



SEVEN PIECE

No. 168 H.—Dip finish; contents tea pot, two cups, two saucers and two spoons. Per set. \$1.40



NINE PIECE

No. 113 H.—Satin mottled, and polished finish; contents tea pot, four cups and four saucers. Per set. \$4.00



ELEVEN PIECE

No. 167 H.—Dip finish; contents tea pot, two cups, two saucers, two spoons, creamer, sugar bowl and two plates. Per set. \$1.60



# VIKO The Popular Aluminum



COFFEE POTS

Polish finish. Welded spouts. Detachable handles. Nickeled brass hinges. Sturdy, uncountersunk rivets. Tightly rolled, sanitary heads.

No.	Cap. Qts.	Diam. Top In.	Diam. Bot. In.	Depth In.	Each
5202	2	4 1/4	5 1/4	7 1/4	\$3.50
5202 3/4	2 3/4	4 1/4	6 1/4	8	\$4.60
5203 1/2	3 1/2	4 1/4	6 1/4	8 1/4	\$4.90



PERCOLATING COFFEE POTS

Polish finish. Welded spouts. Detachable handles. Nickeled brass hinges. Sturdy, uncountersunk rivets. Tightly rolled sanitary heads, upturned on covers. Substantially constructed percolating insets.

No.	Cap. Qts.	Diam. Top In.	Diam. Bot. In.	Depth In.	Each
5181 1/2	1 1/2	4	4 1/4	7 1/4	\$4.30
5182	2	4 1/4	4 3/4	7 1/4	\$4.50
5183	3	4 1/4	5 1/4	8 1/4	\$5.80



PERCOLATING COFFEE POTS

Polish finish. Clinched spouts. Detachable handles. Nickeled brass hinges. Sturdy, uncountersunk rivets. Tightly rolled, sanitary heads, upturned on covers. Substantially constructed percolating insets.

No.	Cap. Qts.	Diam. Top In.	Diam. Bot. In.	Depth In.	Each
5231 1/2-L	1 1/2	4	4 1/4	7 1/4	\$2.50
5232-L	2	4 1/4	4 3/4	7 1/4	\$2.60



COLONIAL PERCOLATING COFFEE POTS

Polish finish. Welded spouts. Detachable handles. Nickeled brass hinges. Sturdy, uncountersunk rivets. Tightly rolled, sanitary heads. Substantially constructed percolating insets, with perforated covers. Colonial angles give added strength.

No.	Cap. Qts.	Diam. Top In.	Diam. Bot. In.	Depth In.	Each
5122	2	4 1/4	4	6 3/4	\$5.60
5123	3	5 1/4	4 3/4	7 3/4	\$6.90



TEA POTS

Polish finish. Welded spouts. Detachable handles. Nickeled brass hinges. Sturdy, uncountersunk rivets. Tightly rolled, sanitary heads.

No.	Cap. Qts.	Diam. Top In.	Diam. Bot. In.	Depth In.	Each
5141 1/2	1 1/2	4 1/4	4 1/4	6 1/4	\$3.90
5142	2	4 1/4	5 1/4	7 1/4	\$4.10
5142 3/4	2 3/4	4 1/4	6 1/4	8	\$5.30



TEA POT

Polish finish. Welded spout. Detachable handle. Nickeled brass hinge. Sturdy uncountersunk rivets. Tightly rolled, sanitary head.

No.	Cap. Qts.	Diam. Top In.	Diam. Bot. In.	Depth In.	Each
2692	1 1/4	3 1/2	2 1/4	4 1/4	\$3.60



COLONIAL TEA POT

Polish finish. Welded spouts. Detachable handles. Nickeled brass hinge; uncountersunk rivets; sanitary head; colonial angles give added strength.

No.	Cap. Qts.	Diam. Top In.	Diam. Bot. In.	Depth In.	Each
2694	1 1/4	3 1/2	2 1/4	4 1/4	\$3.70



TEA POT WITH BALL

Polish finish. Clinched spout. Nickeled brass hinge. Sturdy uncountersunk rivets. Tightly rolled, sanitary head.

No.	Cap. Qts.	Diam. Top In.	Diam. Bot. In.	Depth In.	Each
2693	1 1/4	3 1/2	2 1/4	4 1/4	\$4.00



COLONIAL TEA POT WITH BALL

Polish finish. Welded spout. Detachable handle. Nickeled brass hinge. Sturdy, uncountersunk rivets. Tightly rolled, sanitary head. When tea is steeped ball may be raised to top by pulling chain through knob. Colonial angles give added strength.

No.	Cap. Qts.	Diam. Top In.	Diam. Bot. In.	Depth In.	Each
2695	1 1/4	3 1/2	2 1/4	4 1/4	\$4.30

## UNIVERSAL



ELECTRIC URN

Seamless spun Copper Body; nickel plated finish; ebontized handles; aluminum interior fittings; heat proof glass top; safety fuse plug; six feet cord with socket plug; 420 watt.

No.	Capacity	Weight	Height	Each
E9146N	6 cups	9 1/2 lbs.	13 1/2 in.	\$37.50
One in box.				



ELECTRIC PERCOLATOR

Heavy Copper Body; nickel plated; ebontized handle and feet; inside coated with pure tin and interior fittings aluminum; safety fuse; six feet cord and socket plug with each percolator; 420 watt.

No.	Capacity	Weight	Height	Each
E9637	7 cups	5 1/2 lbs.	10 1/4 in.	\$25.00
One in a box.				



HOT WATER BOTTLE

No. 883—Aluminum; seams are acetylene welded; screw cap attached to bottle by chain; will never leak; convenient to use; very efficient; each bottle put up in cotton felt bag. Capacity 3 pints. Weight each 1 lb.

Each	
	\$6.00
One in carton.	



## Ovenglass

This product is the result of years of experiment and trials, and is an article of proven quality, combining great strength and low expansion. The resistant power of **OVENGLASS** is scientifically developed by thorough annealing, and expansion and contraction are reduced to a minimum. It is transparent, sanitary, and food bakes quickly and uniformly in wood, coal, gas or oil stove ovens. It is easily cleaned and corrosion or rust in all forms is eliminated. Ovenglass is made to stand sudden changes from hot to cold or vice versa but reasonable care should be exercised.



ROUND CASSEROLE

Number	Size, inches	Capacity	Each
1920C-7	7 x 2 1/2	1 Qt.	\$3.15
1920C-8	8 1/2 x 2 1/4	1 1/2 Qt.	\$3.70
1920C-9	9 x 3 3/4	2 Qt.	\$4.20
1920C-10	9 1/2 x 3 1/2	2 1/2 Qt.	\$5.25

ROUND CASSEROLE  
Shallow Pattern

Number	Size, inches	Capacity	Each
1941C-7	7 1/4 x 2 1/4	1 Qt.	\$3.15
1941C-8	8 1/2 x 2 1/4	1 1/2 Qt.	\$3.70

ROUND CASSEROLE  
Fits Standard Mountings.

Number	Size, inches	Capacity	Each
1922C-7	7 1/4 x 3	1 Qt.	\$3.15
1922C-8	8 x 3 1/4	1 1/2 Qt.	\$4.20



ROUND BAKER

Number	Size, inches	Capacity	Each
1920B-7	7 x 2 1/2	1 Qt.	\$1.80
1920B-8	8 1/2 x 2 1/4	1 1/2 Qt.	\$2.10

ROUND BAKER  
Shallow Pattern

Number	Size, inches	Capacity	Each
1941B-7	7 1/4 x 2 1/4	1 Qt.	\$1.80
1941B-8	8 1/2 x 2 1/4	1 1/2 Qt.	\$2.10

ROUND BAKER  
Fits Standard Mountings

Number	Size, inches	Capacity	Each
1922B-8	8 x 3 1/4	1 1/2 Qt.	\$1.90
1922B-9	9 x 3 3/4	2 Qt.	\$2.50



SQUARE CASSEROLE

Number	Size, inches	Capacity	Each
1935-C-8	8 1/2 x 8 1/2 x 2 1/4	2 Qt.	\$5.25



OVAL CASSEROLE

Number	Size, inches	Capacity	Each
1951C-8	8 1/2 x 6 1/2 x 2	1 1/2 Pt.	\$2.60
1951C-9	9 x 6 1/2 x 2 1/4	1 Qt.	\$3.10
1951C-10	10 1/2 x 7 1/2 x 2 1/2	1 1/2 Qt.	\$3.70



MEAT LOAF

Number	Size, inches	Weight, lbs.	Each
1928ML-9	9 x 5 x 3	3	\$3.70
1928ML-10	10 1/2 x 5 1/4 x 3 1/2	4 1/2	\$7.30



SQUARE BAKER

Number	Size, inches	Capacity	Each
1935B-8	8 1/2 x 8 1/2 x 2 1/4	2 Qt.	\$2.60



OVAL BAKER

Number	Size, inches	Capacity	Each
1951B-8	8 1/2 x 6 1/2 x 2	1 1/2 Pt.	\$1.80
1951B-9	9 x 6 1/2 x 2 1/4	1 Qt.	\$2.10
1951B-10	10 1/2 x 7 1/2 x 2 1/2	1 1/2 Qt.	\$2.50

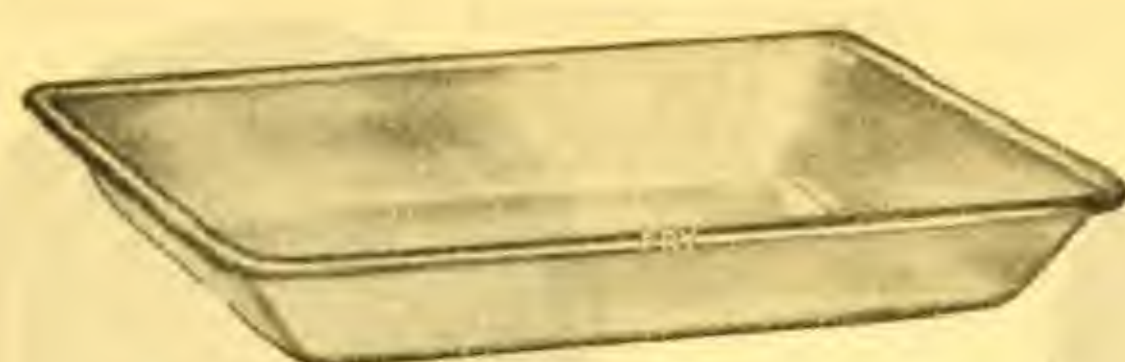


BREAD BAKER

Number	Size, inches	Capacity	Each
1928B-9	9 x 5 x 3	2	\$1.90
1928B-10	10 1/2 x 5 1/4 x 3 1/2	2 1/2	\$3.70



# Ovenglass



BROWN BETTY

Number	Size, inches	Weight, lbs	Each
1930-9	9 7/8 x 7 3/4 x 1 1/8	2	\$1.90



UTILITY TRAY

Number	Size, inches	Weight, lbs	Each
1942-10	10 1/2 x 6 1/2 x 2	2 1/2	\$2.30



ROUND BAKER

Number	Size, inches	Weight, lbs	Each
1919-6	6 x 1 7/8	3/4	\$0.90



OVAL BAKER

Number	Size, inches	Weight, lbs	Each
1917-6	6 7/8 x 4 7/8 x 1 1/2	1 1/2	\$0.90
1917-8	8 1/4 x 6 x 1 5/8	3/4	\$1.30



PIE PLATE

Number	Size, inches	Weight, lbs	Each
1916-8	8 x 1 7/8	1 1/4	\$1.30
1916-9	9 x 1 7/8	1 1/2	\$1.60
1916-9 1/2	9 1/2 x 1 3/4	2	\$1.80
1916-10	10 x 1 3/4	2	\$1.90
1916-12	11 1/2 x 1 5/8	2 1/2	\$2.50



ROUND CAKE PLATE

Number	Size, inches	Weight, lbs	Each
1939-9	9 x 1 1/4	2	\$1.60



BEAN POT

Number	Size, inches	Capacity	Each
1924-1	4 3/4 x 3 3/8	1 Pt	\$2.30
1924-1 1/2	4 3/4 x 3 3/8	1 1/2 Pt	\$3.10
1924-2	5 1/8 x 5 3/8	1 Qt	\$4.20



RAMEKIN

Number	Size, inches	Each
1923-3	3 1/4 x 1 1/8	\$0.30
1923-4	4 x 1 1/2	\$0.45



APPLE BAKER

Number	Size, inches	Each
1937-4	4 3/4 x 2 3/4	\$0.80



CUSTARD

Number	Size, inches	Each
1936-4	3 1/2 x 2	\$0.40
1936-6	4 x 2 1/4	\$0.50



PERCOLATOR TOP

Fits Royal, Rochester and Universal Percolators		
Number	Size, inches	Each
1929	2 1/4	\$0.20



No. 100—GIFT SET

Composed of eleven pieces as below.

- 1 No. 1937-7 Casserole
- 1 No. 1916-9 Pie Plate
- 1 No. 1928-9 Bread Baker
- 1 No. 1940-5 Cocotte
- 1 No. 1925-6 Shirred Egg
- 6 No. 1923-3 Ramekins

GIFT SET complete weight 11 lbs.

Each \$10.50



No. 6 DEALERS' ASSORTMENT

Dealers' assortment is composed of thirty eight pieces as below.

- 1 No. 1928-9 Meat Loaf
- 2 No. 1938-8 Casseroles
- 1 No. 1932-8 Casserole
- 3 No. 1916-9 Pie Plates
- 3 No. 1939-9 Cake Plates
- 3 No. 1928-9 Bread Bakers
- 1 No. 1942-10 Utility Tray
- 1 No. 1920-7 Round Baker
- 2 No. 1919-6 Round Bakers
- 2 No. 1917-6 Oval Bakers
- 1 No. 1930-9 Brown Betty
- 6 No. 1937-4 Apple Bakers
- 6 No. 1936-4 Custard Cups
- 6 No. 1923-3 Ramekins

Dealers' Assortment complete, weight 55 lbs.

Each \$48.50



## Serving Trays



**Oblong Waiters:** nickel plated; highly polished; assorted fancy etched designs.

Size, inches	14	16
Weight per dozen, lbs	9	11½
Per dozen	\$6.40	\$9.00

**Oval Waiters:** nickel plated; highly polished; assorted fancy etched designs.

Size, inches	14	16
Weight per dozen, lbs	8	10
Regular. Per dozen	\$5.00	\$7.50
Extra. Per dozen	\$9.50	\$14.00

**Round Waiters:** nickel plated; highly polished; assorted fancy etched designs.

Size, inches	12	14
Weight per dozen, lbs	6	8
Regular. Per dozen	\$3.80	\$5.00
Extra. Per dozen	\$7.20	\$12.00

Open stock.

## NUT CRACKS



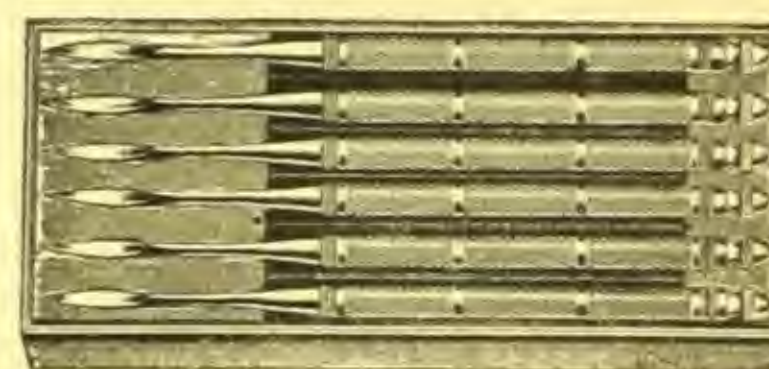
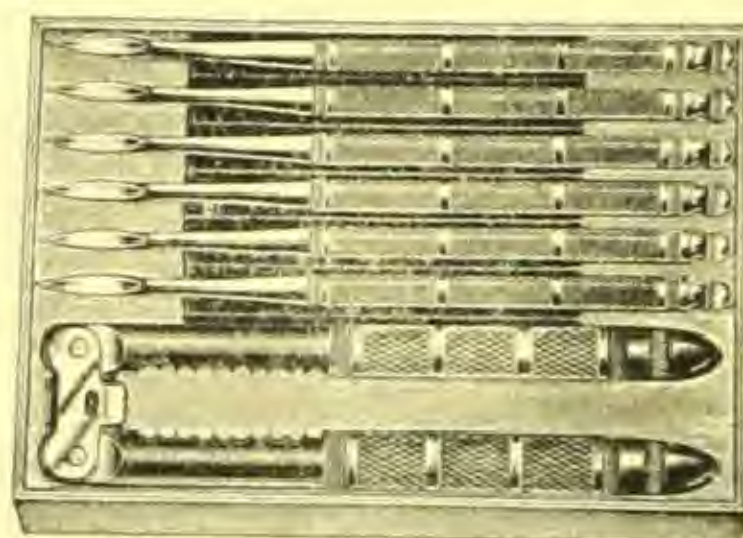
**No. 6006.**—Forged steel; reversible; extra strong; nickel plated and highly polished; length 6 inches; weight per dozen 4¼ lbs. Per dozen

\$11.00

**No. 6008.**—Forged steel; oval handles; reversible; nickel plated finish; length 6 inches; weight per dozen 4 lbs. Per dozen

\$8.00

One dozen in a box.



**PRIDE:** cracks; nickel plated and polished; knurled handles; length over all 5¼ inches; diameter ¾ inch; weight per dozen 3 lbs.

Per dozen

\$3.80

One dozen in a box.

**LAURA sets:** nickel plated and polished; knurled handles; sets contain one nut crack and six picks; weight per dozen sets 6½ lbs.

Per dozen sets

\$7.50

One set in a box.

**May pick sets:** nickel plated and polished; knurled handles; length 5 inches; diameter ¾ inch; weight per dozen sets 3½ lbs.

Per dozen sets

\$3.80

One set in a box.

## TRACING WHEELS

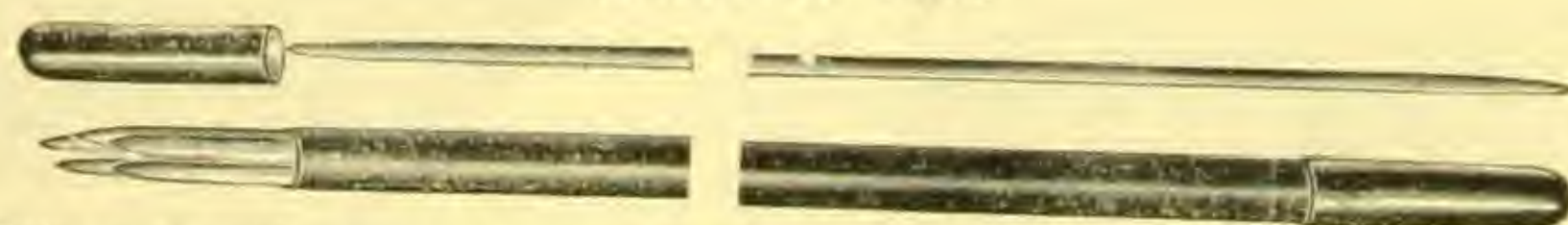


**No. 2488.**—Forged steel blade; black enamelled handle with ferrule; length 6 inches; weight per dozen 1¼ lbs. Per dozen

One dozen in a box.

\$2.80

## KNITTING PINS



**No. 4732.**—High grade steel; tempered and polished; smoothly finished; one set in a container as illustrated.

Size	8	9	10	12	14
Weight per dozen sets, lbs	1¼	1½	1¾	2	2¼
Per dozen sets	\$1.80	\$1.80	\$1.30	\$1.30	\$1.30

One dozen sets in a box.

## COVER KNOBS



Black enamelled wood knobs; for kettle, pot, or pan covers; slotted head bolt with two tin washers.

3 dozen on a display card

\$1.50

100 loose in a box

\$3.00



# Thermos Bottles

KEEPS LIQUID HOT 24 HOURS WITHOUT FIRE.



Centre of Case Enamelled Metal; Base, Collar, and Cup Aluminum.

Numbers	11	11Q
Size, pints	1	2
Weight, lbs	1	1 3/4
Each	\$2.70	4.75

One in box.

Corrugated Case; Full Nickel Plate Finish; new model shock absorber; rubber and fibre ring at neck.

Numbers	15	15Q	15 1/2
Size, pints	1	2	1 1/2
Weight, lbs	1	2 1/4	3 1/4
Each	\$4.75	6.75	4.05

One in box.

Seamless Brass Case; Smooth Full Nickel Plate Finish; No. 81 Handle; patent shock absorber; fibre and rubber ring.

Numbers	6	6Q
Size, pints	1	2
Weight, lbs	1 1/4	2 1/4
Each	\$5.40	7.45

One in box.

## EXTRA FILLERS



Extra Fillers; suitable for all bottles listed above.

Numbers	61C	61QC	61 1/2C
Size, pints	1	2	1 1/2
Weight, each lbs	1 1/2	1	1 1/4
Each	\$1.70	3.05	1.70

One in a box.

No. 54—Nickel Plated Brass Case metal stopper; quart size, weight each 2 1/4 lbs. Each \$11.50  
No. 56F—Filler for above. Each \$6.10

One in a box.

No. 556—Nickel Plated metal case; perfection stopper; side handle; quart size; weight each 3 lbs.

Each \$15.15

No. 556F—Filler for above. Each \$6.10

One in a box.

## THERMOS CUPS



Stamped Brass; nickel plated finish; cup held by detachable band.

Numbers	83	79	80
Cups in set	2	4	6
Per set	\$2.35	3.70	5.05

One set in a box.

## THERMOS LUNCH KITS



Fibre case; leather handle; No. 11 pint bottle; lunch box; dome fastening. Weight each 2 1/4 lbs.

No. 416. Each \$5.40

One in a box.



Oval top; hinged; patent holder for bottle; No. 11 pint bottle; leather handle; secure lock; weight 2 lbs.

No. 396—Metal Case. Each \$5.40

No. 400—Fibre Case. Each \$5.40

One in a box.



## Bathroom Fittings

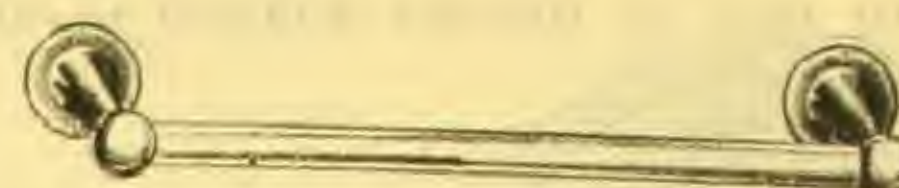
## TOWEL BARS



No. 3168—Brass; nickel plated; highly polished; diameter of bar  $\frac{1}{2}$  inch; diameter of base 2 inches; distance from wall  $2\frac{1}{4}$  inches.

Length, inches	18	24	30
Weight per dozen, lbs.	4	$4\frac{1}{2}$	5
Per dozen	\$16.00	20.00	24.00

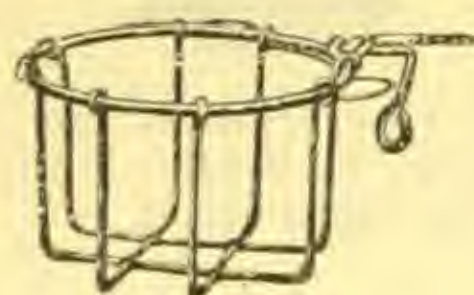
Quarter dozen in a box.



No. 3690—Glass; nickel plated brass posts; diameter of bar 1 inch; diameter of base  $2\frac{1}{4}$  inches; distance from wall  $4\frac{1}{4}$  inches clear.

Length, inches	18	24	30
Weight per dozen, lbs.	35	40	45
Per dozen	\$35.00	42.00	48.00

## TUMBLER HOLDERS



No. 61—Wire retinned; diameter  $3\frac{1}{4}$  inches; depth 2 inches; with screw stem and screw eye; weight per dozen  $1\frac{1}{2}$  lbs.

Per dozen \$1.80

One dozen in a box.



No. 3350—Brass; nickel plated; diameter  $2\frac{3}{4}$  inches; depth  $1\frac{1}{2}$  inches; diameter of base 2 inches; weight per dozen 3 lbs.

Per dozen \$14.00

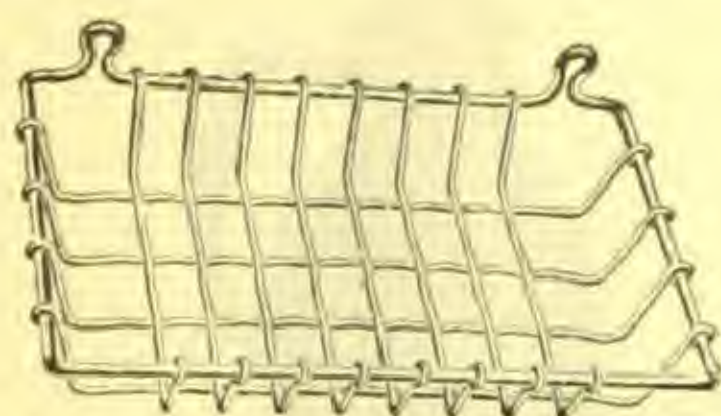
Quarter dozen in a box.



No. 3351—Brass; nickel plated; diameter  $2\frac{3}{4}$  inches; depth  $1\frac{1}{2}$  inches; holds 5 tooth brushes; weight per dozen 4 lbs.

Per dozen \$20.00

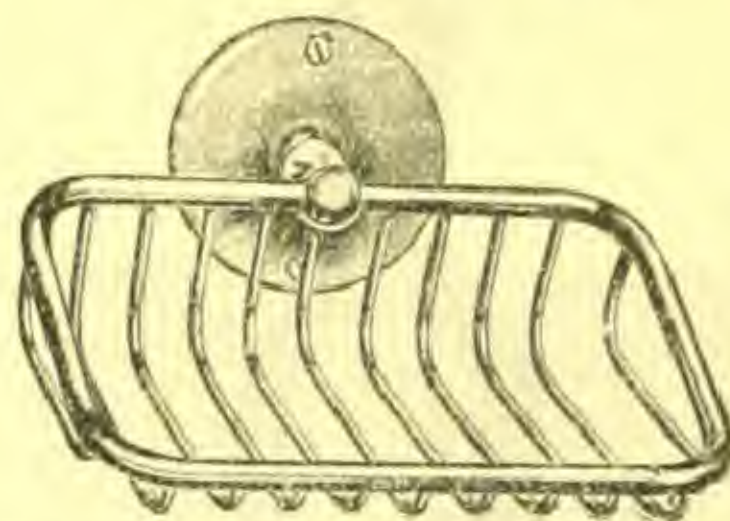
## Soap Dishes



No. 65—Wire; retinned; size  $6\frac{1}{4} \times 3\frac{3}{4}$  inches; weight per dozen  $1\frac{1}{2}$  lbs.

Per dozen \$2.50

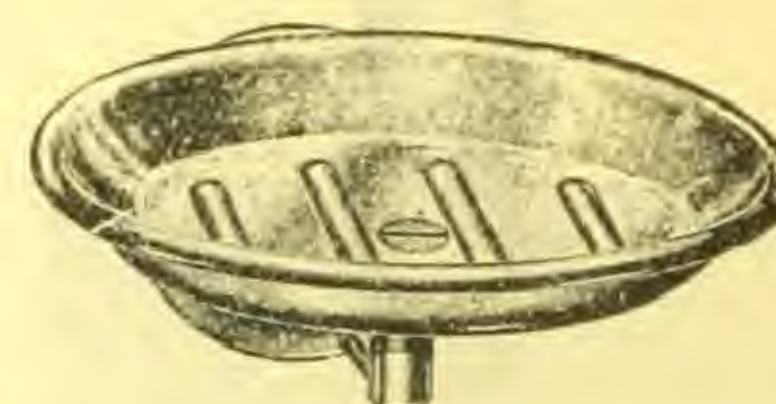
One dozen in a box.



No. 3179—Brass; nickel plated; size  $4\frac{1}{2} \times 3$  inches; diameter of base 2 inches; weight per dozen  $3\frac{1}{2}$  lbs.

Per dozen \$18.00

Quarter dozen in a box.



No. 3766—Brass; nickel plated; size  $5 \times 4$  inches; diameter of base 2 inches; weight per dozen  $3\frac{1}{2}$  lbs.

Per dozen \$20.00

## SOAP HOLDER

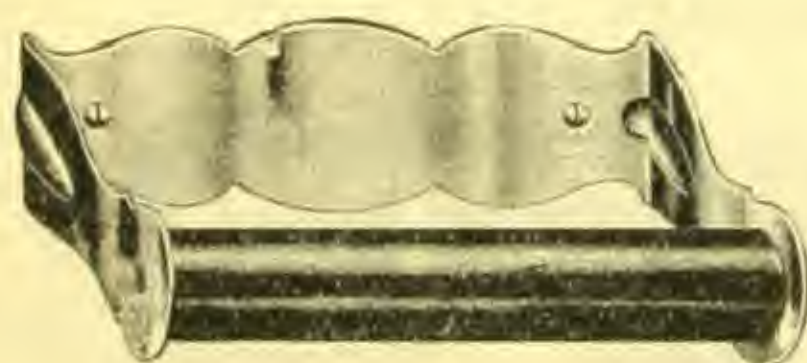


No. 3067—Brass; nickel plated; size  $4\frac{1}{2} \times 3$  inches; with wire loop for bath tub use; weight per dozen 5 lbs.

Per dozen \$16.00

Quarter dozen in a box.

## PAPER HOLDER



No. 3726—Brass; nickel plated finish; hardwood roller; length  $5\frac{1}{2}$  inches; project from the wall  $3\frac{1}{2}$  inches; weight per dozen  $6\frac{1}{2}$  lbs.

Per dozen \$15.00

No. 165—Steel; nickel plated; hardwood roller; weight per dozen 5 lbs.

Per dozen \$2.50

One dozen in a box.

## GLASS SHELF



No. 3402—Glass shelf; ground edges; round corners; nickel plated brass brackets; length of shelf 24 inches; width 5 inches; weight per dozen 40 lbs.

Per dozen \$30.00

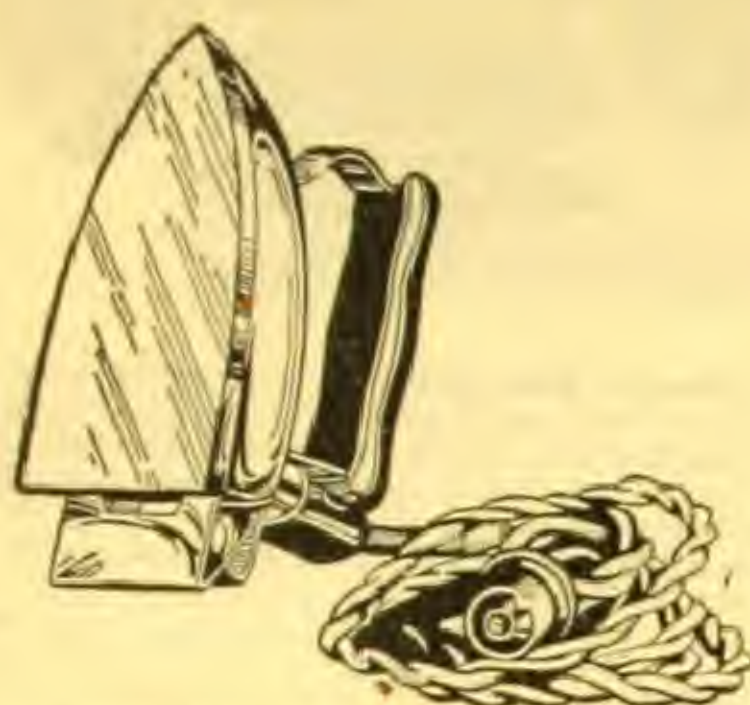
Brackets only Per dozen \$8.00

Quarter dozen in a box.



# Electrical Goods

## IRONS



No. 10—Superior Electric iron with self contained heel stand; full nickel plated; ebonized handle; complete with cord, plug and socket connection; weight each 6 lbs.

Each.....\$8.00

One in a box.

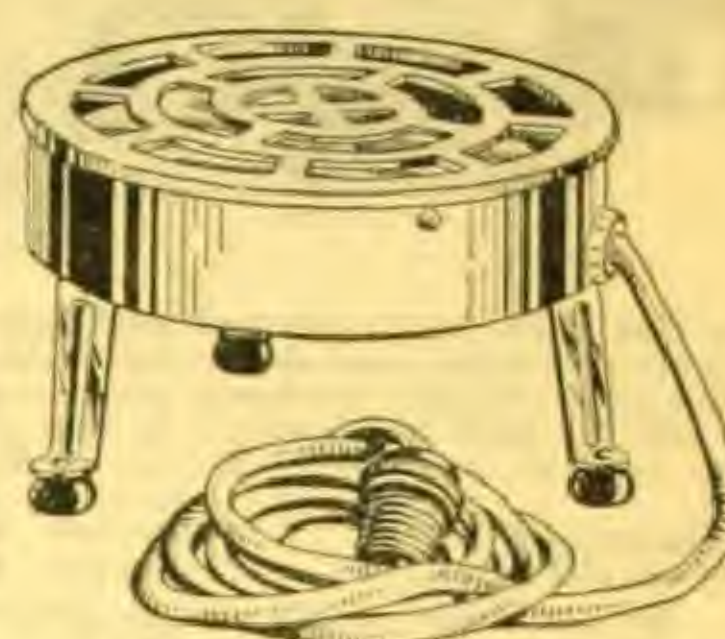


No. 22—Superior electric iron with separate stand; nickel plated; ebonized handle; complete with cord, plug and socket connection; a thoroughly reliable article; weight each 6 lbs.

Each.....\$9.00

One in a box.

## STOVE



No. 1—Superior electric stove; single heat; nickel plated; convenient for light housekeeping; will toast, broil, fry and boil; complete with cord connection; weight each 3½ lbs.

Each.....\$13.50

One in a box.

## HEATER



No. 60—Superior portable heater; 660 watt capacity; reflector body; with wire over element; light foot cord connection; with plug and socket; suitable for fall and spring use or as an auxiliary in severe weather; weight each 5 lbs.

Each.....\$11.00



No. 161—Superior single heat grill; supplied with utensil and cover as illustrated but can be used as a stove if desired; nickel plated throughout; ebonized handles; complete connection supplied; weight each 4 lbs.

Each.....\$13.50

## GRILLS



No. 135—Superior four heat grill; equipped with utensil and cover also with broiler; a very complete article for light housekeeping; nickel plated finish; cord connection with plug and socket; weight each 5½ lbs.

Each.....\$17.00

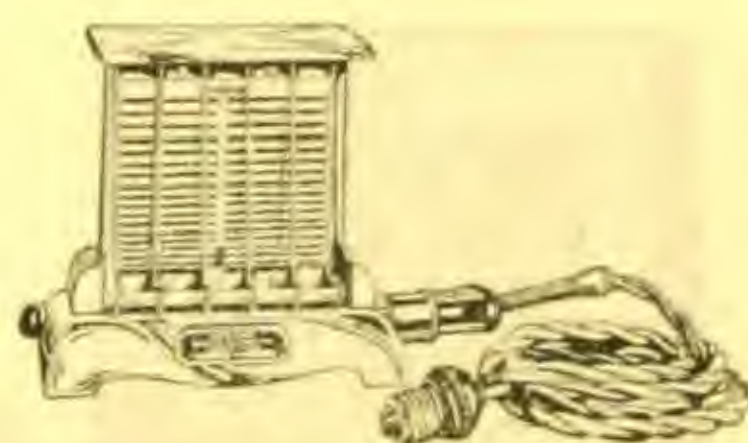
## TOASTERS



No. E947—Universal toaster; revolving rack; toasts two slices at one time; handsome design; nickel plated finish; cord connection with plug and socket included; weight each 3¼ lbs.

Each.....\$15.00

One in a box.



No. 122—Superior toaster; single heat; durable element; reliable and pleasing in appearance; nickel plated finish; eight foot cord with plug and socket; weight each 3½ lbs.

Each.....\$8.50

One in a box.

## HEATING PAD



No. E994—Universal; 10 feet flexible cord; three heats; automatic circuit breaker to prevent pad from becoming overheated; light, soft and flexible; invaluable for applying heat for relief of pain, stimulating poor circulation, etc.; size 12 x 15 inches; weight packed each 2¼ lbs.

Each.....\$22.00

One in a box.



## Sad Irons In Sets



Mrs. Potts Sad Iron; highly polished solid irons with cast iron top plate; oval shape; detachable top handle with polished hardwood grip; iron spreader and flat steel lock spring. In sets of three irons, one 5 lb., and two 5½ lb.; one handle and stand.

No. 55—Japanned..... Per set \$4.10

No. 50—Nickel-Plated..... Per set \$4.30

Six sets in case; weight per case 100 lb.

## MRS. POTTS HANDLES

No. 1—Varnished hardwood grip; cast iron frame; flat spring; japanned finish; weight per dozen 5½ lbs.

Per dozen..... \$3.50

Open stock.

## UNIVERSAL HANDLES

No. 10—Fits Mrs. Potts irons; enamelled wood handle; all steel frame; japanned finish; weight per dozen 5½ lbs.

Per dozen..... \$4.30

Open stock.



No. 60—Dover Laundry Sad Iron; highly polished core bottom; aluminum finished cast iron top; oval shape; nickel-plated pressed steel hood with lock; black enamelled easy grip handle. In sets of three irons, 5 lbs. each; one heat deflecting hood with handle and lock, and one asbestos covered stand; size of core face 3½ x 6½ inches; size stand 6 x 6 inches. Weight per set, 14½ lbs.

Per set..... \$5.00

One set in a carton.



No. 70—Asbestos Laundry Set; solid metal core; nickel-plated face and flange; asbestos lined iron hood; nickel-plated; black enamelled hardwood handle riveted to hood; asbestos covered steel stand; set consists of two 6½ lb. and one 5½ lb. double pointed cores, one hood and one stand. Weight per dozen sets 220 lbs.

Per set..... \$6.00

## COMMON SAD IRONS

## TOY SAD IRON



No. 87½—Plain polished; secure handle; gold and silver bronzed top; length 3 inches; weight per dozen 7½ lbs.

Per dozen..... \$3.50

One dozen in a box.

Cast iron base and handle; wrought iron shanks; polished face and edges; japanned top and handle. Weight per pair, lbs. 3-4-5 6 and larger

Per 100 lbs..... \$48.00 36.00

Open stock.

## Stove Lifters



No. 1—Cast iron; coppered; half round handle; length 7½ inches; weight per dozen 2 lbs.

Per dozen..... \$ .80



No. 3—Cast iron; coiled wire handle; nickel plated; length 8 inches; weight per dozen 4 lbs.

Per dozen..... \$2.30

One dozen in a box.



No. 2—Cast iron; wire loop handle; nickel plated; length 7¾ inches; weight per dozen 5 lbs.

Per dozen..... \$2.30

## Registers

## SQUARE



## SIDE WALL



## ADAMS



Cast iron; brilliant design; japanned finish.

Size, inches	6 x 8	8 x 10	9 x 12
Weight, lbs.	4½	8½	11½
Each	\$2.20	2.30	3.00
Size, inches	10 x 12	10 x 14	12 x 15
Weight, lbs.	13½	18	20
Each	\$3.40	4.40	6.30

Pressed steel; shell design; oxidized copper finish; deep type.

Size, opening, inches	7 x 10	8 x 13
Size, outside, inches	11½ x 13	12½ x 17
Depth at base, inches	2¼	2¼
Weight each, lbs.	8½	10
Each	\$3.50	4.10

Open stock

Cast iron; ornamental design; japanned floor plate; ceiling plate white enamelled finish.

Size pipe, inches	7
Diameter, inches	15½
Weight each, lbs.	8
Each	\$4.50



# Stove Pipe and Fittings

## PATENT PIPE



Special finished steel plate; secure fastening; nestable; in lengths of 18 inches.

Diameter, inches	6	7
Weight per crate, lbs.	41	50
Per 100 lengths	\$26.04	27.70

25 lengths in a crate.

## TAPER PIPE



Special finished steel plate; rivetted; in lengths of 18 inches.

Diameter, inches	5 to 6	6 to 7
Weight per length, lbs.	1 1/2	1 3/4
Per dozen	\$5.62	5.62

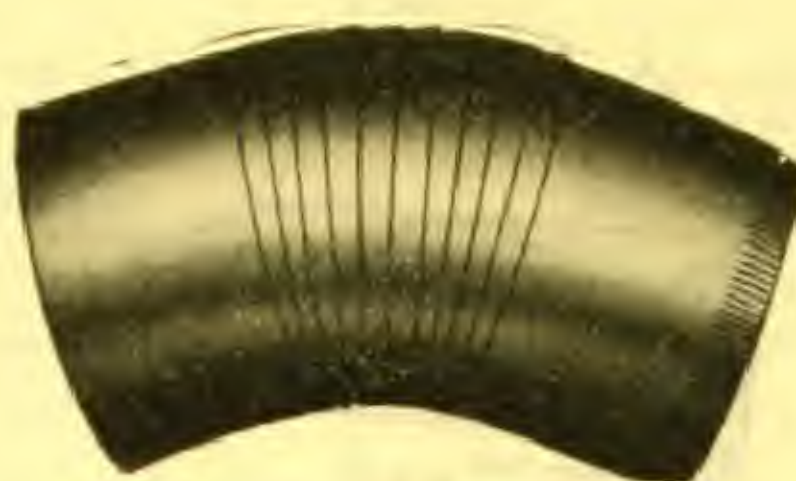
[Open stock.]

## ELBOWS



Corrugated; 90 degree; blued steel; seam on inside of throat.

Diameter, inches	6	7
Weight per dozen, lbs.	16	19
Per dozen	No. 1 Heavy \$4.48	5.02
	No. 2 Light \$3.28	3.78

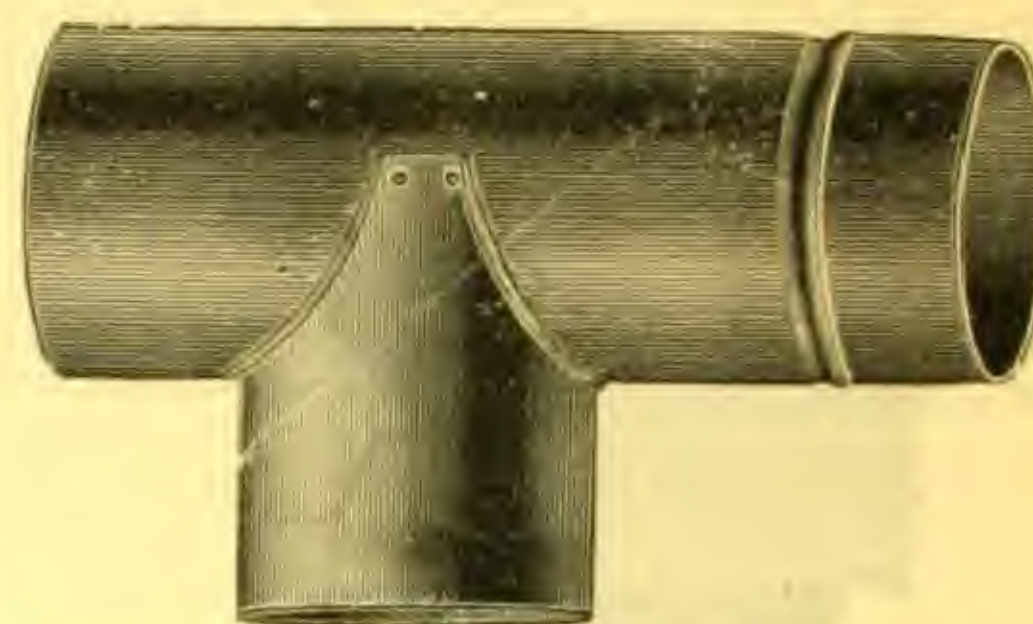


Corrugated; 45 degree; blued steel; seam on inside of throat.

Diameter, inches	6	7
Weight per dozen, lbs.	15	18
Per dozen	\$4.48	5.02

One dozen in a bundle.

## TEES



Blued steel; swaged ends; rivetted.

Diameter, inches	6	7
Weight per dozen, lbs.	32	40
Per dozen	\$9.68	9.68

Open stock.

## FLUE STOPPERS



No. 8—Crown; lacquer finish; decorated with as sorted pictures; adjustable; diameter 8 1/2 inches; weight per dozen 8 lbs.

Per dozen	\$2.12
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One dozen in a box.

## COLLARS

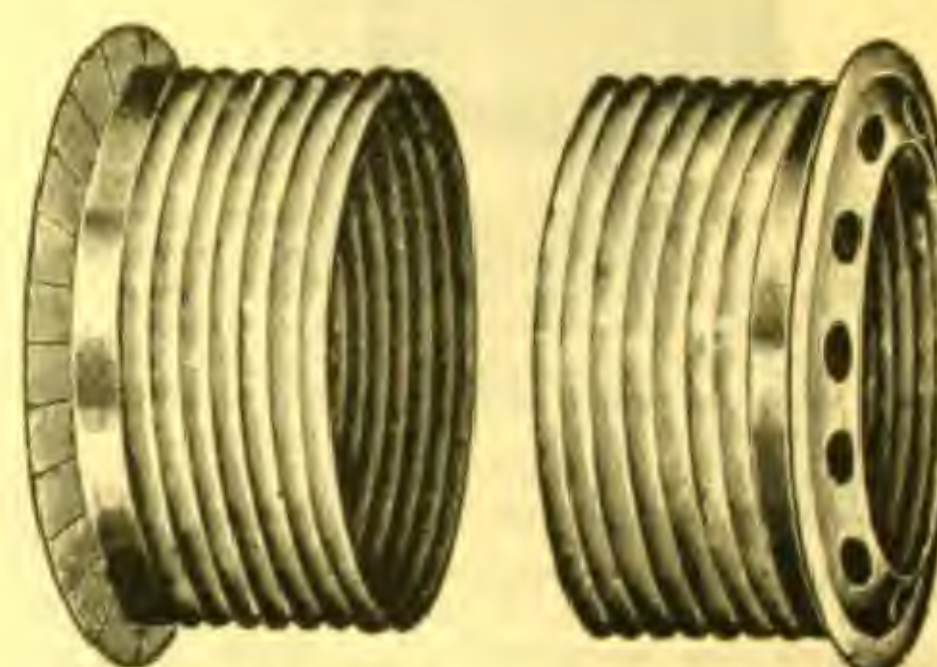


Crown; Lacquered Gold.

Diameter, inches	6	7
Weight per dozen, lbs.	5	6
Per dozen	\$1.20	1.68

One dozen in a box.

## O.K. THIMBLES



Adjustable; screw type; bright tin body; japanned ends; ventilating.

Number	05	06
Style	Well	Floor
Pipe size, inches	7	7
Weight per dozen, lbs.	24	32
Per dozen	\$11.20	13.50

Half dozen in a crate.

## STOVE PIPE DAMPERS



Cast iron; nickel handle;

Diameter, inches	6	7	8
Weight per dozen, lbs.	8 1/2	12	17
Per dozen	\$3.40	4.20	5.80

Open stock.

## FIRE BACKS



CLOSED

Sovereign; cast iron; extension; no bolts or wedges; extending parts fitted in dovetail; are rigid and do not warp or become loose; fits almost any cookstove; extends in height from 4 1/2 to 7 inches and in length from 15 to 20 inches; weight per dozen 110 lbs.

Per dozen	\$21.00
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Half dozen in a box.



## Galvanized Wash Tubs



Standard Hot Galvanized; Corrugated Bottom; Wringer Attachments; Strong Drop Handle; 11 inches high.

Numbers	1	2	3
Top, inches	20 1/4	23 1/4	25 1/4
Bottom, inches	16 3/4	18 1/4	20 3/4
Weight per dozen, lbs.	84	98	108
Manufacturer's List	\$25.36	27.60	31.50

## Galvanized Boilers



Flat Bottom; Seamless Cover; Hot Galvanized; Nestable; 13 inches high.

Numbers	8	9
Top, inches	20 1/4 x 11 1/4	22 3/4 x 12
Bottom, inches	19 3/4 x 10 3/4	21 5/8 x 11
Weight each, lbs.	6 1/2	9
Manufacturer's List	\$ P. O. A.	

## Ash Sifters

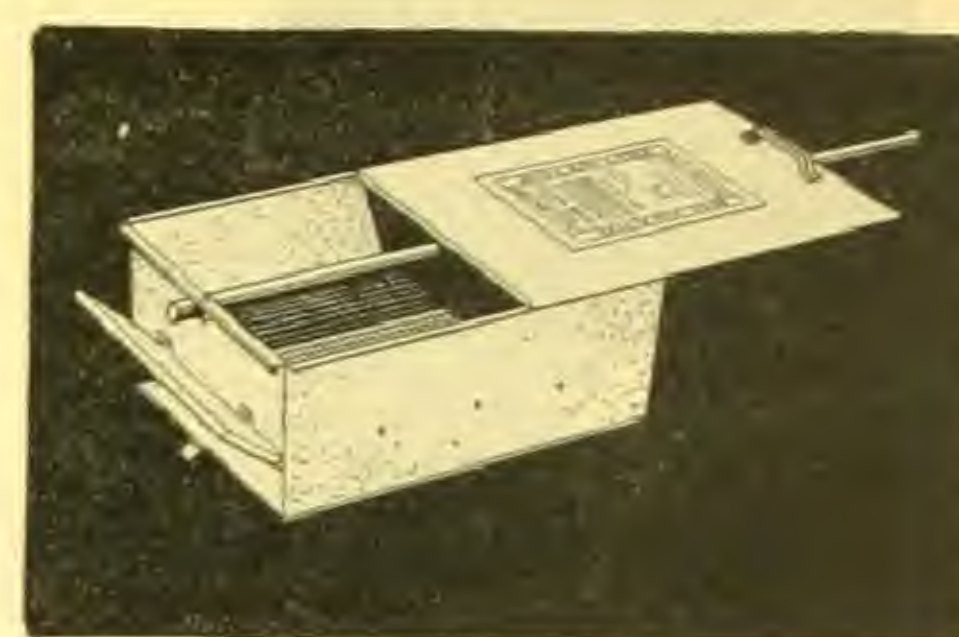


**VICTORY**; revolving cylinder style; closed top; retains the dust; made of galvanized iron; corrugated hood and can; the can has heavy steel hoops top and bottom, strong tubular handles, and can be used separately as an ash can; covers can be supplied with the cans if desired; weight of sifter complete 30 lbs.

Victory sifters, complete	Each	\$ P. O. A.
Victory sifters without can	Each	\$ "
Victory ash cans (no cover)	Each	\$ "
Victory ash can covers	Each	\$ "



**Banner**; galvanized iron can and cover; rocker, type; size 18 x 18 x 11 1/2 inches; weight per dozen 155 lbs.  
Per dozen \$64.80



**Daisy**; galvanized iron and cover; galvanized screen 1/2 inch mesh; with cover and end gate; dustless and speedy to operate; hardwood handle; dimensions 14 x 12 x 6 inches; weight per dozen 65 lbs.  
Per dozen \$24.00



**Round Steel**; perforated and ribbed bottom; hardwood handles; diameter 15 1/4 inches; depth 3 3/4 inches; diameter of perforations 3/8 inch; weight per dozen 26 lbs.

Japaned, per dozen	\$7.64
Galvanized, per dozen	\$9.64

Half dozen in a bundle.



**Square wood**; expanded metal screen; stained wood frame; hardwood handles; width 13 1/2 inches; depth 3 1/2 inches; weight per dozen 42 lbs.  
Per dozen \$5.30

## Coal Hods



No. 17—Plain Japanese; standard size; open pattern; size at top 17 inches; weight per dozen 25 lbs.

Per dozen	\$14.24
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No. 170—Galvanized; standard size; open pattern; size at top 17 inches; weight per dozen 28 lbs.

Per dozen	\$19.28
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Half dozen in a bundle.



No. 170—Galvanized; standard size; funnel pattern; size at top 17 inches; weight per dozen 32 lbs.

Per dozen	\$23.72
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## Galvanized Pails



**STRAIGHT**

Straight Pattern; Hot Galvanized Iron; Corrugated Swedged Bottom;  $\frac{1}{4}$  inch Round Bail.

Numbers	12	14	16
Size, quarts	8	10 $\frac{1}{2}$	13
Top, inches	10 $\frac{3}{4}$	11 $\frac{1}{4}$	11 $\frac{3}{4}$
Bottom, inches	8 $\frac{1}{2}$	9 $\frac{1}{2}$	9 $\frac{3}{4}$
Depth, inches	8 $\frac{1}{2}$	9 $\frac{3}{4}$	10 $\frac{1}{2}$
Weight per dozen, lbs.	27	31	37
Manufacturer's List	\$4.00	4.50	5.10



**FLARING**

Flaring or English Pattern; Hot Galvanized Iron Pail, with foot;  $\frac{1}{2}$  inch Fluted Rod Bail.

Numbers	12	13	14
Size, quarts	8 $\frac{1}{2}$	12	14
Top, inches	12	13	14
Bottom, inches	7 $\frac{3}{4}$	8 $\frac{1}{2}$	9 $\frac{1}{2}$
Depth, inches	9 $\frac{1}{2}$	10 $\frac{3}{8}$	10 $\frac{3}{4}$
Weight per dozen, lbs.	33	38	45
Manufacturer's List	\$5.00	5.70	6.60



**HEAVY**

Extra Heavy; Hot Galvanized Steel; Labelled; Decorated with Red Bands.

Numbers	140	160
Pattern	Flaring	Straight
Size, quarts	14	13
Top, inches	14	12
Bottom, inches	9 $\frac{1}{2}$	9 $\frac{3}{4}$
Depth, inches	10 $\frac{1}{4}$	10 $\frac{3}{4}$
Weight per dozen, lbs.	70	60
Manufacturer's List	\$9.10	9.10

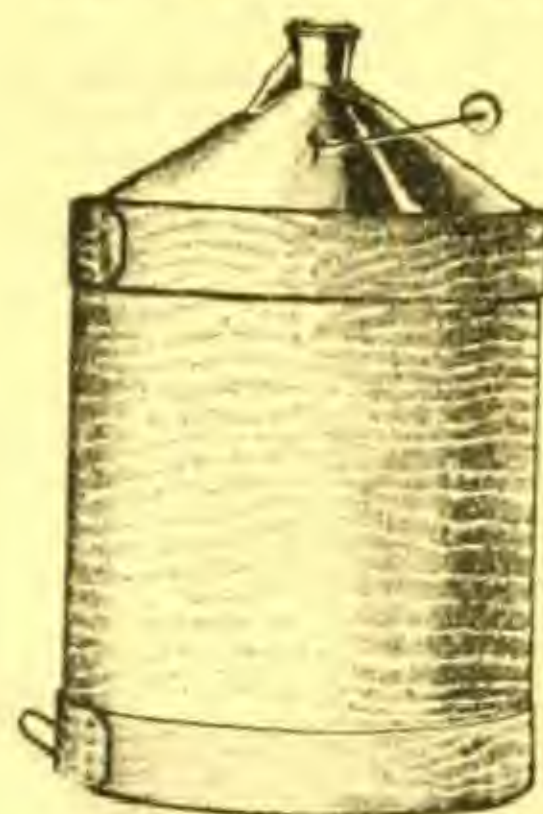
## GARBAGE PAILS



No. 2—Hot Galvanized; Nestable; deep seamless cover with fastener; labelled; diameter, top 13 $\frac{1}{4}$  inches; bottom 12 inches; height 14 $\frac{1}{2}$  inches; cover size No. 2. Weight each, 10 lbs.

Manufacturer's List \$ 1.20

## JACKET OIL CANS



Wood Jacketed; Wood grip handle; 1 $\frac{1}{2}$  Nozzle with Vent.

Size, gallons	1	2	3	5	10
Diameter, inches	6 $\frac{1}{2}$	8 $\frac{3}{8}$	9 $\frac{3}{8}$	11 $\frac{1}{4}$	14
Height, inches	8 $\frac{1}{4}$	9 $\frac{3}{8}$	11 $\frac{3}{8}$	13 $\frac{3}{8}$	17 $\frac{1}{2}$
Weight per dozen, lbs.	17	31	41	60	96

Manufacturer's List \$4.65 6.30 7.70 8.30 14.30

## CONTRACTORS'



No. 1600—Extra Heavy; seamless body; hot galvanized; malleable ears; reinforced top; holds 13 quarts; top 12 inches; bottom 9 $\frac{1}{2}$  inches; depth 10 $\frac{1}{2}$  inches. Weight per dozen 80 lbs.

Manufacturer's List \$14.00

## Galvanized Oil Cans



Side Rest; Lay Down Pattern; hot galvanized; improved taps; decorated; diameter 11 $\frac{1}{2}$  inches; height 14 $\frac{1}{8}$  inches. Weight per dozen 102 lbs.

Manufacturer's List \$14.00



Hot Galvanized; Seamless Breasts; Wood Grip; Large Rack Handle; Decorated.

Size, gallons	1	2
Diameter, inches	6 $\frac{1}{2}$	8 $\frac{3}{8}$
Height, inches	4 $\frac{1}{2}$	9 $\frac{3}{8}$
Weight per dozen, lbs.	20	28

Manufacturer's List \$4.35 5.50 8.50



The Never-Fail galvanized can will force and syphon oil. To empty can raise handle moving up and down with shortstrokes until oil flows with pressure. To stop flow press down on screw cap. To syphon back place spout under surface of oil, give a couple of strokes and press down on screw cap. Capacity 5 gallons. Weight per dozen 115 lbs.

Per dozen \$36.00



## Sinks

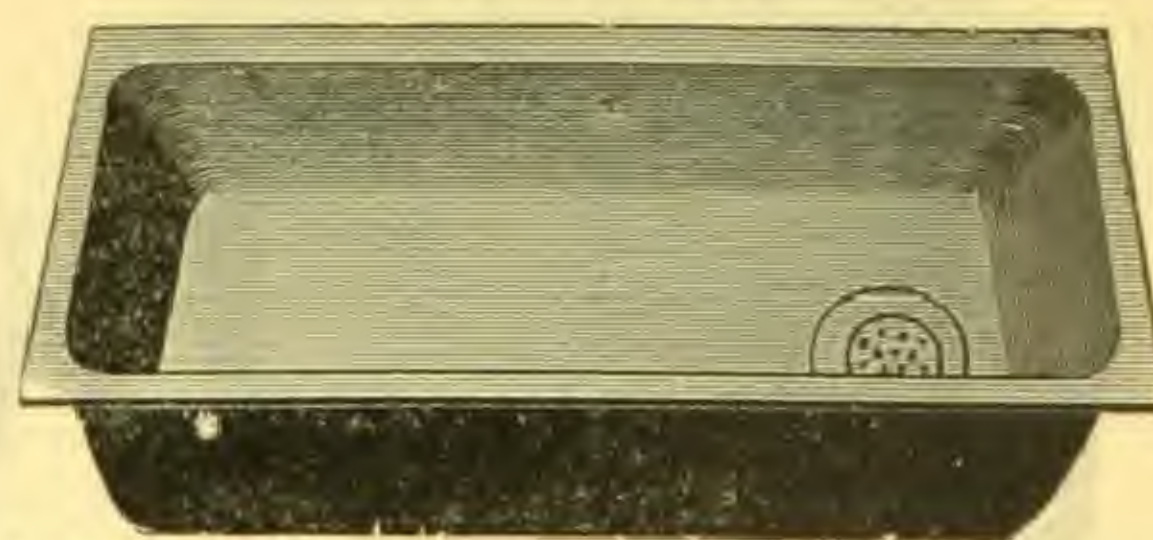
## WHITE ENAMELLED



Cast Iron; flat rim; flat strainer; porcelain finish; with connection.

Size, inches	14x20	16x24	18x24	18x30	20x36
Weight, lbs.	30	40	45	54	73
Each	\$9.70	10.90	11.30	12.70	22.40

## PLAIN IRON



Cast Iron; flat rim; flat strainer; painted finish; with connection.

Size, inches	14x20	16x24	18x30	20x36
Weight, lbs.	28	37	50	67
Each	\$4.40	5.50	7.50	10.50

One in a crate.

## TEA KETTLES



Cast Iron; flat bottom; wire handle; wrought bale; japanned finish.

Number	7	8	9	10
Capacity, Quarts	4	5	6	8
Weight, lbs.	8	10	11	13
Each	\$2.80	3.20	3.70	4.00

Open stock.

## CHAUDRONS



Cast Iron; flat bottom; plain cover; grey iron finish; bale supplied at prices as shown in list.

Number	80	90	100	110	120	130	140	150	160
Diameter, inches	8	9	10	11	12	13	14	15	16
Weight, lbs.	6½	7½	9½	11½	13½	15½	17½	22½	25½
Each	\$1.80	2.00	2.40	3.00	3.80	4.00	4.40	5.30	6.60

Open stock.

## SPIDERS



Cast Iron; double lipped; polished inside.

Number	7	8	9
Diameter, inches	7	8	9
Weight, lbs.	3½	4	5
Each	\$1.70	1.70	1.80

Open stock.

## STEEL FRY PANS



Empire; seamless; double lipped; cold handle; polished.

Number	7	8	9
Diameter, inches	9½	10½	11½
Weight per dozen, lbs.	20	25	29
Per dozen	\$8.10	9.00	10.12

Half dozen in a bundle.

Acme; seamless; cold handle; polished.

Number	00	0	1	2
Diameter, inches	6	8	8½	9½
Weight per dozen, lbs.	6	9	10	12
Per dozen	\$3.84	4.60	5.76	6.52

Number	3	4	5	6
Diameter, inches	10	10½	10¾	12
Weight per dozen, lbs.	13	15½	18	22
Per dozen	\$7.28	8.06	9.00	10.50

Half dozen in a bundle.

## Fire Shovels



No. 2—Heavy Steel; japanned; socket wood handle weight per dozen 14½ lbs.

Per dozen \$5.50

Half dozen in a bundle.

No. 55—Japanned; round handle; length over all 16 inches; width of blade 5 inches; weight per dozen 6½ lbs.

Per dozen \$2.30

No. 57—Japanned; round handle; length over all 23 inches; width of blade 5 inches; weight per dozen 8 lbs.

Per dozen \$3.80

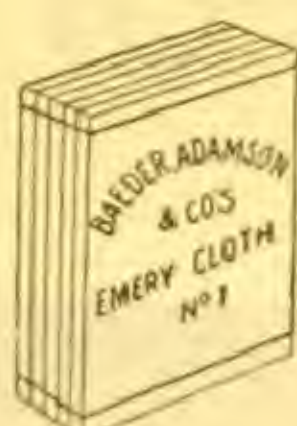
No. 70—Japanned; half round handle; length over all 14½ inches; width of blade 4½ inches; weight per dozen 5 lbs.

Per dozen \$1.60

Half dozen in a bundle.



## Emery Cloth



Sheets 9 x 11 inches

B. & A.—Blue twill back; Turkish emery quoting.

Numbers	00	0	1/2	1	1 1/2	2	2 1/2	3
Weight per ream, lbs.	32	33	36	41	49	50	60	70
Mfr's List per Ream	\$30.00	30.00	31.20	32.75	34.30	36.50	39.40	42.50
Discount								

Half ream in a package.

English; blue back; turkish emery quoting.

Numbers	00	0	1/2	1	1 1/2	2	2 1/2	3
Weight per ream, lbs.	28	33	35	37	40	45	55	
Mfr's List per Ream	\$30.00	30.00	31.20	32.75	34.30	36.50	39.40	
Discount								

Half ream in a package.

## Flint Rolls



B. & A.; flint quoted; best quality paper; in rolls of 50 lineal yards.

Number	0	1/2	1	1 1/2	2	2 1/2	3
Width, inches	24	24	24	24	24	24	24
Weight per roll, lbs.	21	23	25	30	40	45	55
Mfr's List Per roll	\$8.60	9.10	10.30	11.50	12.80	14.00	15.30
Discount							

## Steel Wool



Painters Steel Wool; fine grade; uniform; for cleaning or rubbing painted or varnished surfaces and general painters use.

Number	0	1	2	3
Weight per dozen, lbs.	12	12	12	12
Per dozen packets	\$1.00	.80	.70	.70

One dozen in carton.

Household steel wool; fine even quality for cleaning and polishing cooking utensils of all kinds; can also be used for removing paint, enamel or varnish from furniture, etc.

Number	0	1	3
Grade	Fine	Medium	Coarse
Weight per dozen, lbs.	2	2	2
Per dozen	\$1.80	1.80	1.80

One dozen in a carton.



## Sand Paper



Sheets 9 x 11 inches

B. & A.; flint quoted; best quality paper.

Numbers	00	0	1/2	1	1 1/2	2	2 1/2
Weight per ream, lbs.	15	17	20	27	28	36	44
Mfr's List per Ream	\$7.50	7.50	7.95	9.00	10.50	12.15	13.95
Discount							

Half ream in a package.

Star; flint quoted; second quality paper.

Numbers	00	0	1/2	1	1 1/2	2	2 1/2
Weight per ream, lbs.	13	15	18	22	25	30	40
Mfr's List per Ream	\$6.75	6.75	7.20	8.10	9.15	10.35	11.70
Discount							

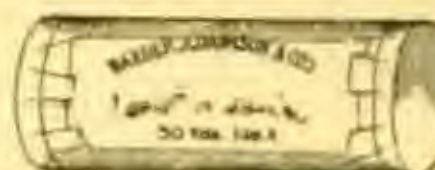
Half ream in a package.

B. & A.; garnet quoted; best quality paper.

Numbers	0	1/2	1	1 1/2	2	2 1/2
Weight per ream, lbs.	18	21	29	30	39	48
Mfr's List per Ream	\$11.00	12.70	15.00	17.50	20.40	23.60
Discount						

Half ream in a package.

## Garnet Rolls



B. & A.; Garnet quoted; best quality paper; in rolls of 50 lineal yards.

Numbers	0	1/2	1	1 1/2	2	2 1/2	3
Width, inches	24	24	24	24	24	24	24
Weight per roll, lbs.	20	30	45	52	70	80	90
Mfr's List per Roll	\$13.00	14.60	16.50	18.70	21.10	23.70	26.50
Discount							

## Emery



Best Turkish Emery, grain and flour.

Numbers	60	80	100	110	120	Flour
Per pound	.36	.32	.32	.32	.32	.16

In 10 lb. packages

## Abrazo

The ideal cleaner for aluminum, enamel, pyrex, granite, glass, tin, brass, copper or iron ware; very effective and not injurious to the finish; each package contains six rolls soft steel wool and one cake of Abrazo soap; weight per dozen packages 2 1/2 lbs. Per dozen \$2.70

One dozen in a carton.





First Year

Second Year



THE HISTORY OF THE UNITED STATES

THE HISTORY OF THE UNITED STATES

THE HISTORY OF THE UNITED STATES

THE HISTORY OF THE UNITED STATES

THE HISTORY OF THE UNITED STATES



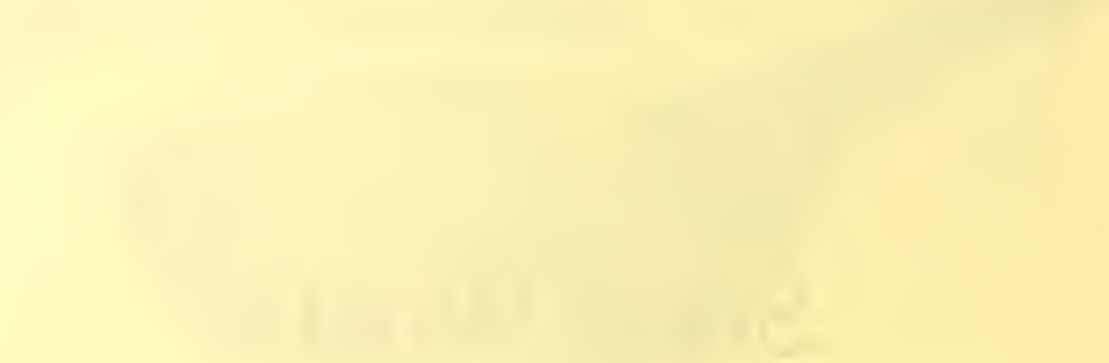
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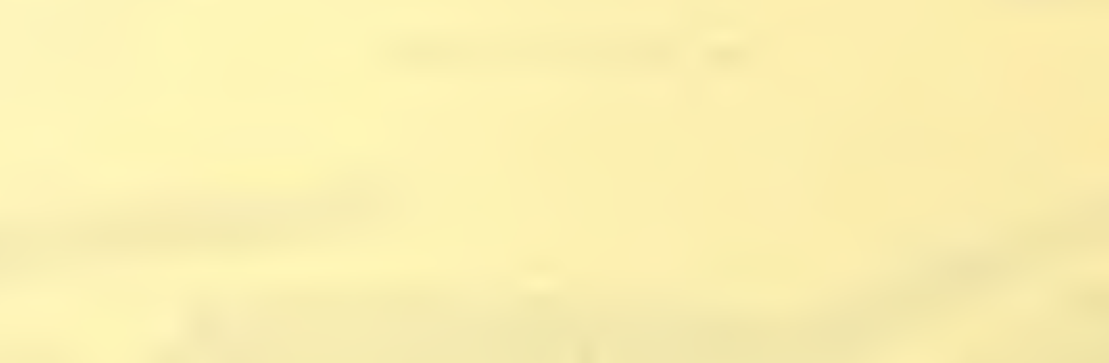
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1847 ROGERS BROS.  
SILVERPLATE



Ambassador  
PATTERN

*The Family Plate for SEVENTY-FIVE YEARS*



# Ambassador

GREY FINISH

A WORTHY REPRESENTATIVE OF A DISTINGUISHED LINE



Table Spoon



Tea Spoon



Dessert Fork  
Flat Handle



Table Fork  
Flat Handle



Hollow Handle  
and No. 63 Modeled  
Handle Knives

ILLUSTRATIONS FULL SIZE

1847 ROGERS BROS.  
SILVERPLATE

Tea Spoons, six  
Five O'clock Teaspoons  
Coffee Spoons  
Desert Spoons  
Table Spoons, six  
Orange Spoons  
Bouillon Spoons  
Soup Spoons, six  
Baby Spoons, six  
Desert Forks, six  
Table Forks, six  
Pickle Forks, one  
Baby Forks, one  
Desert Knives, one  
Table Knives, one  
Desert Knives, one  
Table Knives, one  
Pie Knife, one in  
Fruit Knives, six  
Cake Knife, one  
Large Carving Knife  
Game Carving Knife  
Steak Carving Knife  
Fish Servers, hollow  
Fish Eaters, hollow  
Sugar Tongs, one

Cold Meat Forks.

Sugar Spoon. Per  
Butter Knife. Per

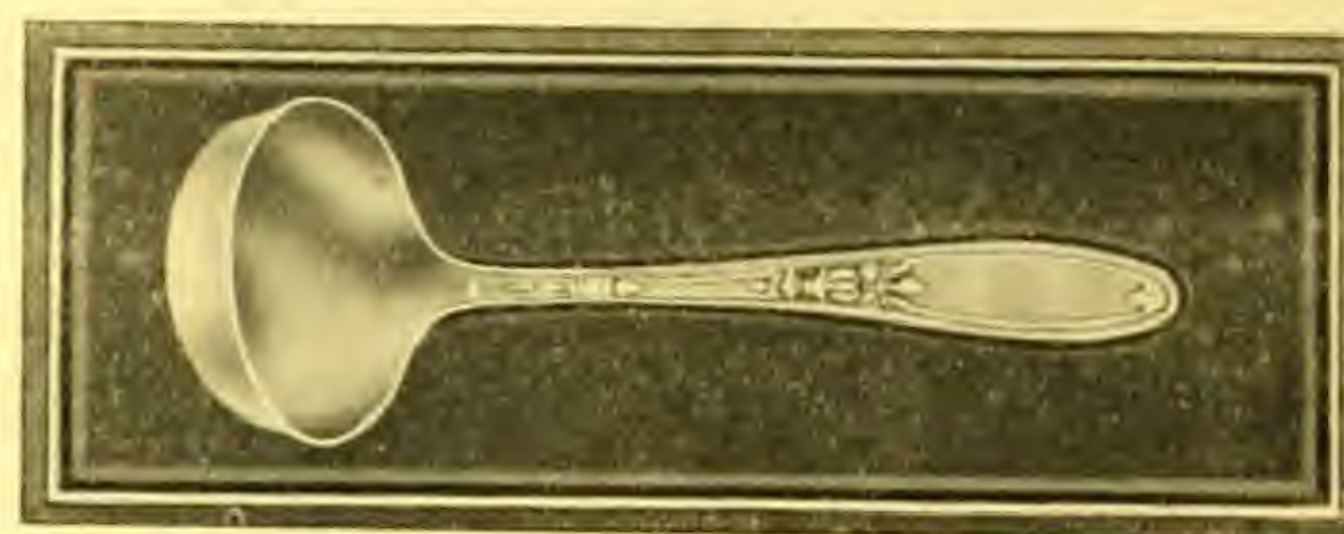
Butter Spreaders.



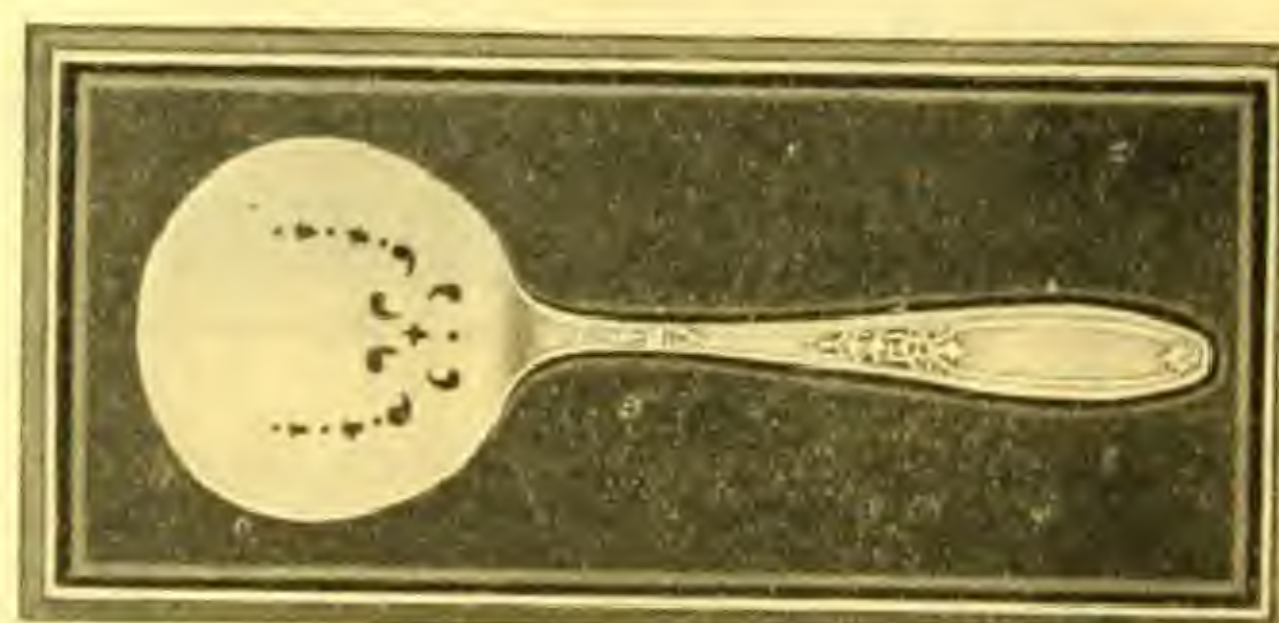
# 1847 Rodgers Silverware

## LIST PRICES OF AMBASSADOR DESIGN

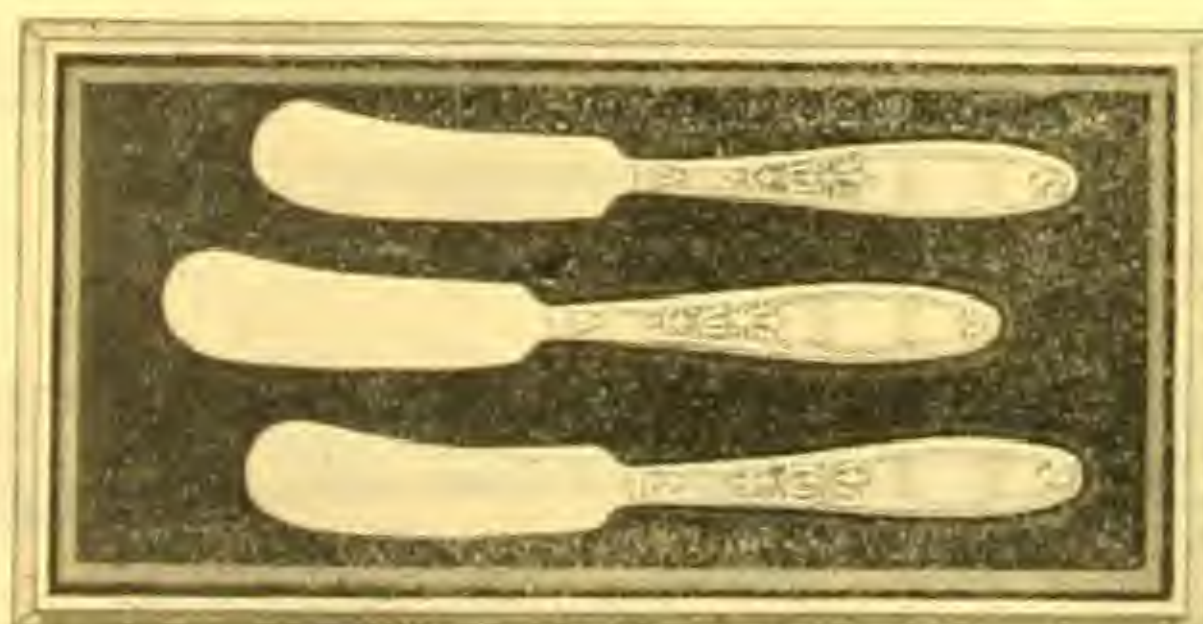
Tea Spoons, six in a plain box. Per dozen	\$9 30
Five O'clock Tea Spoons, six in a plain box. Per dozen	9 30
Coffee Spoons, six in a plain box. Per dozen	9 30
Desert Spoons, six in a plain box. Per dozen	16 60
Table Spoons, six in a plain box. Per dozen	18 60
Orange Spoons, six in a plain box. Per dozen	11 80
Bouillon Spoons, six in a plain box. Per dozen	16 45
Soup Spoons, six in a plain box. Per dozen	18 60
Baby Spoons, one in a blue velvet box. Per dozen	14 70
Desert Forks, six in a plain box. Per dozen	16 60
Table Forks, six in a plain box. Per dozen	18 60
Pickle Forks, one in a blue velvet box. Per dozen	21 50
Baby Forks, one in a blue velvet box. Per dozen	14 70
Desert Knives, embossed handle, six in a lined box. Per dozen	12 55
Table Knives, embossed handle, six in a lined box. Per dozen	13 25
Desert Knives, Hollow handle, Stainless blades, six in lined box. Per dozen	39 35
Table Knives, Hollow handle, Stainless blades, six in lined box. Per dozen	42 20
Pic Knife, one in a blue velvet box. Per dozen	58 70
Fruit Knives, six in a lined box. Per dozen	24 35
Cake Knife, one in a blue velvet box. Per dozen	62 30
Large Carving Set, (3 pc.), Hollow handle, one in a blue velvet box. Per set	24 00
Game Carving Set, (2 pc.), Hollow handle, one in a blue velvet box. Per set	17 20
Steak Carving Set, (2 pc.), Hollow handle, one in a blue velvet box. Per set	11 80
Fish Servers, Hollow handles, one pair in a lined box. Per set	19 30
Fish Eaters, Hollow handles, six pair in a lined box. Per set	36 50
Sugar Tongs, one in a blue velvet box. Per dozen	35 10



Cold Meat Forks. Per dozen	\$27.20	Cream Ladle. Per dozen	\$26.50
		Gravy Ladle. Per dozen	35 10
		Medium Ladle. Per dozen	108.80



Sugar Spoon. Per dozen	\$20 05	Pierced Server. Per dozen	\$17 25
Butter Knife. Per dozen	22 90		



Butter Spreaders. Per dozen	\$15 05	Berry Spoons. Per dozen	\$12 95
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NOTE.—Items not listed on this page can be supplied promptly.



## 900 Tinned Cutlery

## TEA SPOONS



No. 900—Tea spoons; full size; tipped pattern; heavy stamped steel; coated with Malacca tin; length  $5\frac{1}{4}$  inches. Weight per gross  $7\frac{1}{2}$  lbs.

Per gross ..... \$5.00

Three dozen in cardboard box.

## TABLE SPOONS



No. 900—Table spoons; tipped pattern; heavy stamped steel; coated with pure Malacca tin; length  $8\frac{1}{4}$  inches; weight per gross, 13 lbs.

Per gross ..... \$10.00

Two dozen in cardboard box.

## DESSERT SPOONS



No. 900—Dessert spoons; tipped pattern; heavy stamped steel; coated with pure Malacca tin; length  $7\frac{1}{4}$  inches. Weight per gross,  $11\frac{1}{2}$  lbs.

Per gross ..... \$9.80

Two dozen in cardboard box.

## FORKS



No. 900—Medium forks; tipped pattern; heavy stamped steel; coated with pure Malacca tin; length  $7\frac{1}{2}$  inches. Weight per dozen  $\frac{3}{4}$  lb.

Per gross ..... \$11.50

Two dozen in cardboard box.

## Nevada Silverware

Nevada Silver is an All-White Metal, hard, tough and durable, which may be cleaned without injury.

## TEA SPOONS



No. 9—Small size; tipped pattern; Nevada silver; highly burnished; length 5 inches. Weight per dozen,  $\frac{1}{2}$  lb. Per dozen \$1.70

No. 10—Medium size; tipped pattern; Nevada silver; highly burnished; length  $5\frac{1}{2}$  inches. Weight per dozen,  $\frac{1}{2}$  lb. Per dozen \$1.80

No. 11—Large size; tipped pattern; Nevada silver; highly burnished; length  $5\frac{3}{4}$  inches. Weight per dozen,  $\frac{3}{4}$  lb. Per dozen \$2.00

One dozen in cardboard box.

## TABLE SPOONS



No. 13—Table spoons; tipped pattern; Nevada silver; highly burnished; length  $7\frac{3}{4}$  inches. Weight per dozen,  $1\frac{1}{8}$  lb.

Per dozen ..... \$4.00

One dozen in cardboard box.

## DESSERT SPOONS



No. 12—Dessert spoons; tipped pattern; Nevada silver; highly burnished; length 7 inches. Weight per dozen,  $1\frac{1}{4}$  lb.

Per dozen ..... \$3.60

One dozen in cardboard box.

## FORKS



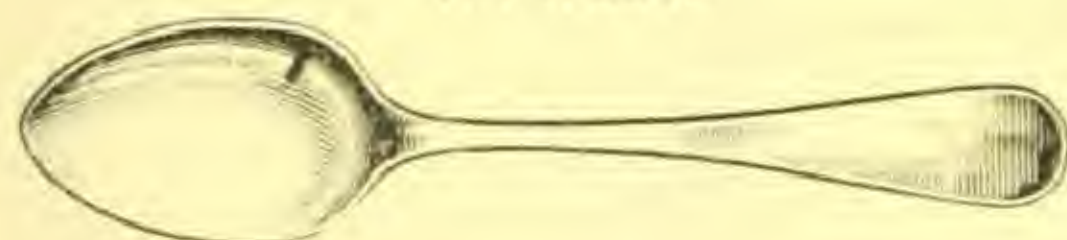
No. 14—Dessert forks; tipped pattern; Nevada silver; highly burnished; length 7 inches. Weight per dozen,  $1\frac{1}{4}$  lb. Per dozen \$3.60

No. 15—Medium forks; tipped pattern; Nevada silver; highly burnished; length  $7\frac{1}{2}$  inches. Weight per dozen,  $1\frac{1}{4}$  lb. Per dozen \$4.00

One dozen in cardboard box.

## ENGLISH NICKEL SILVER

## TEA SPOONS



No. 5156—Medium size; Windsor pattern; Nevada silver; highly burnished; length  $5\frac{1}{2}$  inches. Weight per dozen,  $\frac{5}{8}$  lb. Per dozen \$3.00

One dozen in cardboard box.

## TABLE SPOONS

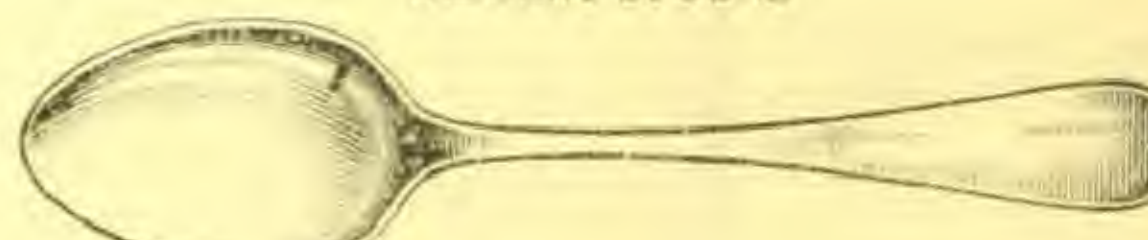


No. 5152—Table spoons; Windsor pattern; Nevada silver; highly burnished; length  $7\frac{3}{4}$  inches. Weight per dozen, 2 lbs.

Per dozen ..... \$6.70

One dozen in cardboard box.

## DESSERT SPOONS



No. 5154—Dessert spoons; Windsor pattern; Nevada silver; highly burnished; length 7 inches; weight per dozen,  $1\frac{1}{4}$  lb. Per dozen \$5.20

One dozen in cardboard box.

## FORKS



No. 5155—Dessert forks; Windsor pattern; Nevada silver; highly burnished; length 7 inches. Weight per dozen,  $1\frac{1}{4}$  lb. Per dozen \$5.50

No. 5153—Table forks; Windsor pattern; Nevada silver; highly burnished; length  $7\frac{1}{2}$  inches. Weight per dozen,  $1\frac{1}{4}$  lb. Per dozen \$7.00

One dozen in cardboard box.



## COMMUNITY PLATE

Dessert Spoon

PATRICIAN  
*Bright Finish*

Dinner Fork

ADAM  
*Bright Finish*

Dinner Knife

GROSVENOR  
*Bright or Bright  
Butter Finish*

Teaspoon

SHERATON  
*Bright or  
Grey Finish*

Table Spoon

BIRD of  
PARADISE  
*Bright Butler  
Finish*

## COMMUNITY PLATE

*All prices subject to change without notice*

	Bird of Paradise	Grosvenor	Adam	Patrician	Sheraton		DEALERS' PRICES SUBJECT TO REGULAR TRADE DISCOUNT PLUS 2 1/4% SALES TAX	PRICES TO CONSUMERS
SPOONS—Six in Box								
12602	11602	10602	6602	9602	Tea		\$10.80 per doz.	\$ 4.25 set of six
12601	11601	10601	6601	9601	5 o'Clock Tea or Sherbet		10.80 per doz.	4.25 set of six
12603	11603	10603	6603	9603	Dessert		21.00 per doz.	8.25 set of six
12605	11605	10605	6605	9605	Table		21.60 per doz.	8.50 set of six
12604	11604	10604	6604	9604	Soup (Round Bowl)		21.60 per doz.	8.50 set of six
FORKS—Six in Box								
12607	11607	10607	6607	9607	Dinner or Medium (Flat Handle)		21.60 per doz.	8.50 set of six
12606	11606	10606	6606	9606	Dessert (Flat Handle)		21.00 per doz.	8.25 set of six
12613	11613	10613	6613	9613	Dinner or Medium (Hollow Handle)		35.60 per doz.	13.50 set of six
12614	11614	10614	6614	9614	Dessert (Hollow Handle)		34.40 per doz.	13.00 set of six
KNIVES (PLATED BLADES)—Six in Roll								
12611	11611	10611	6611	9611	Hollow Handle Dinner or Medium		35.60 per doz.	13.50 set of six
12612	11612	10612	6612	9612	Hollow Handle Dessert		34.40 per doz.	13.00 set of six
12615	11615	10615	6615	9615	Modeled Handle Dinner or Medium		24.48 per doz.	9.00 set of six
12616	11616	10616	6616	9616	Modeled Handle Dessert		24.00 per doz.	8.75 set of six
KNIVES (STAINLESS BLADES)—Six in Roll								
12664	11664	10664	6664	9664	Hollow Handle Dinner or Medium		40.60 per doz.	15.00 set of six
12626	11626	10626	6626	9626	Hollow Handle Dessert		39.60 per doz.	14.50 set of six
12594	11594	10594	6594	9594	Modeled Handle Dinner or Medium		30.00 per doz.	10.50 set of six

ONEIDA COMMUNITY, LTD., NIAGARA FALLS, ONTARIO



## COMMUNITY PLATE

## CORRECT SERVICE PIECES

To get the Gift Business—Display Boxes in Window and Store with Prices \$1.00 to \$1.000  
Beautiful Gifts for All Occasions—Weddings, Anniversaries, Easter, Thanksgiving,  
Christmas, Graduations, Card Parties, Etc.

Bird of Paradise	Grosvenor	Adam	Patrician	Sheraton	ALL PIECES LISTED ON THIS PAGE ARE PACKED IN BLUE VELVET LINED GIFT BOXES <i>All Items * Illustrated on opposite page.</i>	DEALERS' PRICES SUBJECT TO REGULAR TRADE DISCOUNT PLUS 2 3/4% SALES TAX	PRICES TO CONSUMERS
SPOONS							
12625	11625	10625	6625	9625	*Coffee..... 6 in box	\$10.80 per doz.	\$4.25 set of six
12622	11622	10622	6622	9622	*Bouillon or Consomme..... 6 in box	21.00 per doz.	8.25 set of six
12629	11629	10629	6629	9629	*Iced Tea or Iced Drink..... 6 in box	19.08 per doz.	7.50 set of six
12657	11657	10657	6657	9657	*Ice Cream or Sundae..... 6 in box	17.80 per doz.	7.00 set of six
12641	11641	10641	6641	9641	*Orange or Grapefruit..... 6 in box	17.80 per doz.	7.00 set of six
12647	11647	10647	6647	9647	*Small Berry or Preserve..... 1 in box	45.84 per doz.	3.00 each
12620	11620	10620	6620	9620	*Large Berry or Serving..... 1 in box	57.60 per doz.	3.75 each
12619	11619	10619	6619	9619	*Baby (Bent Handle)..... 1 in box	18.96 per doz.	1.25 each
12624	11624	10624	6624	9624	*Baby (Straight Handle)..... 1 in box	18.96 per doz.	1.25 each
12650	11650	10650	6650	9650	*Sugar..... 1 in box	24.48 per doz.	1.60 each
12483	11483	10483	6483	9483	Jam or Conserve..... 1 in box	23.04 per doz.	1.50 each
12656	11656	10656	6656	9656	*Olive or Salted Nut..... 1 in box	30.72 per doz.	2.00 each
FORKS							
12667	11667	10667	6667	9667	*Cold Meat or Serving..... 1 in box	42.00 per doz.	2.75 each
12668	11668	10668	6668	9668	*Small Cold Meat..... 1 in box	33.60 per doz.	2.25 each
12660	11660	10660	6660	9660	Individual Pie..... 6 in box	24.48 per doz.	9.50 set of six
12679	11679	10679	6679	9679	*Oyster or Seafood..... 6 in box	15.00 per doz.	6.00 set of six
12646	11646	10646	6646	9646	*Pickle or Olive..... 1 in box	29.76 per doz.	2.00 set of six
12688	11688	10688	6688	9688	*Individual Salad or Pastry..... 6 in box	20.40 per doz.	8.00 set of six
12632	11632	10632	6632	9632	Ice Cream or Sherbet..... 6 in box	17.80 per doz.	7.00 set of six
12990	11990	10990	6990	9990	Cake..... 1 in box	48.96 per doz.	3.25 each
12661	11661	10661	6661	9661	*Lemon or Relish..... 1 in box	18.96 per doz.	1.25 each
12628	11628	10628	6628	9628	*Baby (Straight Handle)..... 1 in box	18.96 per doz.	1.25 each
KNIVES (PLATED BLADES)							
12695	11695	10695	6695	9695	*Butter (Large)..... 1 in box	24.48 per doz.	1.60 each
12796	11796	10796	6796	9796	*Butter (Small)..... 1 in box	24.48 per doz.	1.60 each
12697	11697	10697	6697	9697	*Individual Butter Spreaders (Flat Handle)..... 6 in box	19.08 per doz.	7.50 set of six
12707	11707	10707	6707	9707	Individual Butter Spreaders (Hollow Handle)..... 6 in box	36.28 per doz.	14.25 set of six
12700	11700	10700	6700	9700	Tea (Hollow Handle)..... 6 in box	33.00 per doz.	12.50 set of six
12712	11712	10712	6712	9712	Orange (Hollow Handle)..... 1 in box	36.28 per doz.	14.25 set of six
12989	11989	10989	6989	9989	Cake or Bread..... 1 in box	76.32 per doz.	5.00 each
KNIVES (STAINLESS BLADES)							
12704	11704	10704	6704	9704	Fruit (Hollow Handle)..... 6 in box	34.40 per doz.	12.25 set of six
12698	11698	10698	6698	9698	Fruit (Modeled Handle)..... 6 in box	23.00 per doz.	8.50 set of six
LADLES							
12715	11715	10715	6715	9715	*Salad Dressing or Cream..... 1 in box	39.60 per doz.	2.75 each
12717	11717	10717	6717	9717	*Serving or Gravy..... 1 in box	48.96 per doz.	3.25 each
12719	11719	10719	6719	9719	Oyster..... 1 in box	122.16 per doz.	8.00 each
12721	11721	10721	6721	9721	Individual Soup..... 1 in box	91.68 per doz.	6.00 each
12724	11724	10724	6724	9724	Medium Soup or Serving..... 1 in box	152.64 per doz.	10.00 each
12724	11724	10724	6724	9724	Punch (Hollow Handle)..... 1 in box	228.96 per doz.	15.00 each
CARVERS (STAINLESS BLADES)							
12725	11725	10725	6725	9725	Large (3 piece, Knife, Fork and Steel) Carving Set (Hollow Handle).....	27.40 set	20.00 set
12783	11783	10783	6783	9783	Small (3 piece, Knife, Fork and Steel) Carving Set (Hollow Handle).....	23.00 set	17.00 set
12728	11728	10728	6728	9728	*Small (2 piece) Steak or Game (Hollow Handle).....	14.00 set	10.00 set
12596	11596	10596	6596	9596	*Small (2 piece) Steak or Game (Modeled Handle).....	10.80 set	8.00 set
12689	11689	10689	6689	9689	Game Shears..... 1 in box	17.80 pair	14.00 pair
MISCELLANEOUS							
12708	11708	10708	6708	9708	Sugar Tongs..... 1 in box	38.16 per doz.	2.50 each
12623	11623	10623	6623	9623	*Jelly Server..... 1 in box	32.64 per doz.	2.25 each
12484	11484	10484	6484	9484	*Pierced Pastry or Pie Server..... 1 in box	76.32 per doz.	5.00 each
12690	11690	10690	6690	9690	*Pierced Server for Tomatoes, Cucumbers, Croquettes, etc..... 1 in box	56.64 per doz.	3.75 each
12815	11815	10815	6815	9815	Cheese Knife or Server..... 1 in box	44.88 per doz.	3.00 each
12610	11610	10610	6610	9610	Cheese Scoop..... 1 in box	72.96 per doz.	5.00 each
12710	11710	10710	6710	9710	Pie or Ice Cream Server..... 1 in box	76.32 per doz.	5.00 each
SETS							
12738	11738	10738	6738	9738	Baby (Bent Spoon and Straight Fork).....	3.16 set	2.50 set
12566	11566	10566	6566	9566	Baby (Straight Spoon and Straight Fork).....	3.16 set	2.50 set
12737	11737	10737	6737	9737	*Child's (Spoon, Fork and Flat Knife).....	4.70 set	3.75 set
12735	11735	10735	6735	9735	*Child's (Spoon, Fork and Hollow Handle Knife).....	6.10 set	4.75 set
12729	11729	10729	6729	9729	Butter and Sugar.....	4.08 set	3.20 set
12741	11741	10741	6741	9741	Salad Serving (Cold Meat Fork and Berry Spoon).....	8.30 set	6.50 set
12791	11791	10791	6791	9791	Cake (Cake Knife and Cake Fork).....	10.44 set	8.25 set
SETS (IN BROCADE LINED BOXES)							
12649	11649	10649	6649	9649	Fish Eaters (6 Hollow Handle Knives and 6 Hollow Handle Forks).....	42.76 set	30.00 set
12651	11651	10651	6651	9651	Fruit or Dessert Eaters (6 Hollow Handle Knives and 6 Hollow Handle Forks).....	42.76 set	30.00 set

\*Illustrated on opposite page.

Note—When number is omitted piece is not made.



# COMMUNITY PLATE



BABY SPOON (Bent Handle)



SUGAR SPOON



COLD MEAT OR SERVING FORK  
SMALL COLD MEAT OR SARDINE FORK



ICED TEA OR ICED DRINK SPOONS



JELLY SERVER



PIERCED SERVER FOR TOMATOES, ETC.



INDIVIDUAL BUTTER SPREADERS



INDIVIDUAL SALAD FORKS



LEMON OR RELISH FORK



BABY FORK



SALAD DRESSING OR CREAM LADLE  
SERVING OR GRAVY LADLE



LARGE BERRY OR SERVING SPOON  
SMALL BERRY OR PRESERVE SPOON



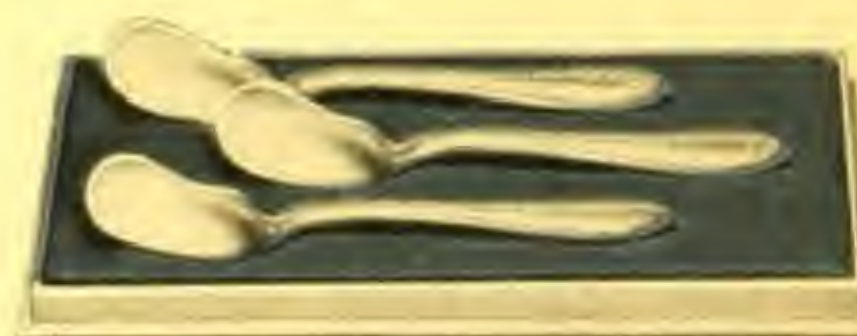
OYSTER OR SEAFOOD FORKS



CHILD'S SET (Fork, Spoon and H. H. Knife)  
CHILD'S SET (Fork, Spoon and Flat Knife)



PIERCED PASTRY SERVER



ICE CREAM OR SUNDAE SPOONS



ORANGE OR GRAPE FRUIT SPOONS



OLIVE OR SALTED NUT SPOON



SMALL STEAK OR GAME SET (H. H.)  
SMALL STEAK OR GAME SET (Mod. H.)



BOUILLON OR CONSOMME SPOONS



BUTTER KNIFE



AFTER DINNER COFFEE SPOONS



PICKLE OR OLIVE FORK



# COMMUNITY PLATE

## New, improved "Petit Buffet"



Correct Service  
TRAY-A



Petit Buffet

When not in use  
slips readily into  
the Sideboard  
Drawer



Correct Service  
TRAY-B



### CONTENTS TRAY A

6 SALAD FORKS  
6 BUTTER SPREADERS  
6 SOUP SPOONS  
1 SALAD DRESSING LADLE  
1 COLD MEAT FORK  
1 PICKLE FORK  
1 BERRY SPOON

CONTENTS—6 TEASPOONS, 6 DESSERT SPOONS, 6 KNIVES, 6 FORKS, 1 BUTTER KNIFE AND 1 SUGAR SPOON.

THESE TRAYS ARE MADE OF SPECIALLY IMPORTED MATERIALS, LINED WITH BLUE VELVET AND WITH ARTISTICALLY WROUGHT HANDLES. A WONDERFUL STORE DISPLAY FEATURE.

THE PETIT BUFFET TOGETHER WITH TRAY A AND TRAY B DISPLAY A COMPLETE SELECTION OF COMMUNITY PLATE CORRECT SERVICE PIECES. SHOW COMPLETE ASSORTMENT. SELL SINGLE PIECES OR COMPLETE SETS.

THE TRAYS ARE FREE FOR THE PRICE OF SILVERWARE ONLY. SHOW A CUSTOMER HOW SHE CAN GET SOMETHING BEAUTIFUL FOR HER HOME AT NO EXTRA COST AND SHE IS INTERESTED.

### CONTENTS TRAY B

6 5 O'CLOCK TEA SPOONS  
6 ORANGE SPOONS  
6 BOUILLON SPOONS  
1 PRESERVE SPOON  
1 PIERCED TOMATO SERVER  
1 JELLY SERVER  
1 OLIVE SPOON

Bird of Paradise	Grosvenor	Adam	Patrician	Sheraton		DEALERS' PRICES SUBJECT TO REGULAR TRADE DISCOUNT PLUS 2 3/4% SALES TAX	PRICES TO CONSUMERS
<b>PETIT BUFFET TRAY (26 Pieces)</b>							
12584	11584	10584	6584	9584	With Hollow Handle Dinner Knives and Flat Dinner Forks	48.58 each	37.70 each
12487	11487	10487	6487	9487	With Hollow Handle Dessert Knives and Flat Dessert Forks	47.68 each	36.95 each
12585	11585	10585	6585	9585	With Modeled Handle Dinner Knives and Flat Dinner Forks	43.02 each	33.70 each
12581	11581	10581	6581	9581	With Modeled Handle Dessert Knives and Flat Dessert Forks	42.48 each	32.70 each
12490	11490	10490	6490	9490	With Hollow Handle Dinner Knives (Stainless) and Flat Dinner Forks	51.08 each	39.20 each
12488	11488	10488	6488	9488	With Hollow Handle Dessert Knives (Stainless) and Flat Dessert Forks	50.28 each	38.45 each
12492	11492	10492	6492	9492	With Modeled Handle Dinner Knives (Stainless) and Flat Dinner Forks	44.78 each	34.20 each
					Contents for above—6 Knives, 6 Forks, 6 Teaspoons, 6 Dessert Spoons, 1 Butter Knife, 1 Sugar Shell.		
12691	11691	10691	6691	9691	<b>Correct Service Tray A (22 pieces)</b> —Contents as follows—6 Ind. Salad Forks, 6 Ind. Butter Spreaders, 6 Soup Spoons, 1 Berry Spoon, 1 Cream Ladle, 1 Cold Meat Fork, 1 Pickle Fork.	44.60 each	35.25 each
12692	11692	10692	6692	9692	<b>Correct Service Tray B (22 pieces)</b> —Contents as follows—6 Five o'clock Tea-spoons, 6 Bouillon Spoons, 6 Orange Spoons, 1 Pierced Server, 1 Preserve Spoon, 1 Jelly Server, 1 Olive Spoon.	38.60 each	30.50 each
<b>26-PIECE CHESTS</b>							
150	150	150	150	150	<b>Seal Grain Leatherette DeLuxe Flat</b> —Empty	14.50 each	9.00 each
12983	11983	10983	6983	9983	With Hollow Handle Dinner Knives and Flat Dinner Forks	63.08 each	46.70 each
12983a	11983a	10983a	6983a	9983a	With Hollow Handle Dessert Knives and Flat Dessert Forks	62.18 each	45.95 each
12983b	11983b	10983b	6983b	9983b	With Modeled Handle Dinner Knives and Flat Dinner Forks	57.52 each	42.20 each
12983c	11983c	10983c	6983c	9983c	With Modeled Handle Dessert Knives and Flat Dessert Forks	56.98 each	41.70 each
12983d	11983d	10983d	6983d	9983d	With Hollow Handle Dinner Knives (Stainless) and Flat Dinner Forks	65.58 each	48.20 each
12983e	11983e	10983e	6983e	9983e	With Hollow Handle Dessert Knives (Stainless) and Flat Dessert Forks	64.78 each	47.45 each
12983f	11983f	10983f	6983f	9983f	With Modeled Handle Dinner Knives (Stainless) and Flat Dinner Forks	59.28 each	43.20 each
					Contents for above—6 Knives, 6 Forks, 6 Teaspoons, 6 Dessert Spoons, 1 Butter Knife, 1 Sugar Shell.		
					To make in 32 pc. Chest, take out pads in Teaspoon slots and add 6 Teaspoons.		
148	148	148	148	148	<b>Genuine Mahogany with Drawer</b> —Empty	15.50 each	9.75 each
12848	11848	10848	6848	9848	With Hollow Handle Dinner Knives and Flat Dinner Forks	64.08 each	47.45 each
12848a	11848a	10848a	6848a	9848a	With Hollow Handle Dessert Knives and Flat Dessert Forks	63.18 each	46.70 each
12848b	11848b	10848b	6848b	9848b	With Modeled Handle Dinner Knives and Flat Dinner Forks	58.52 each	42.95 each
12848c	11848c	10848c	6848c	9848c	With Modeled Handle Dessert Knives and Flat Dessert Forks	57.98 each	42.45 each
12848d	11848d	10848d	6848d	9848d	With Hollow Handle Dinner Knives (Stainless) and Flat Dinner Forks	66.58 each	48.95 each
12848e	11848e	10848e	6848e	9848e	With Hollow Handle Dessert Knives (Stainless) and Flat Dessert Forks	65.78 each	48.20 each
12848f	11848f	10848f	6848f	9848f	With Modeled Handle Dinner Knives (Stainless) and Flat Dinner Forks	60.28 each	43.95 each
					Contents for above—6 Knives, 6 Forks, 6 Teaspoons, 6 Dessert Spoons, 1 Butter Knife, 1 Sugar Shell.		
<b>KNIFE AND FORK SETS—(6 Knives and 6 Forks)</b>							
12742	11742	10742	6742	9742	Hollow Handle Dinner Knives and Flat Dinner Forks	\$28.60 set	\$22.00 set
12743	11743	10743	6743	9743	Hollow Handle Dessert Knives and Flat Dessert Forks	27.70 set	21.25 set
12803	11803	10803	6803	9803	Modeled Handle Dinner Knives and Flat Dinner Forks	23.04 set	17.50 set
12982	11982	10982	6982	9982	Modeled Handle Dessert Knives and Flat Dessert Forks	22.50 set	17.00 set
<b>WITH STAINLESS BLADE KNIVES</b>							
12598	11598	10598	6598	9598	Hollow Handle Dinner Knives (Stainless) and Flat Dinner Forks	31.10 set	23.50 set
12599	11599	10599	6599	9599	Hollow Handle Dessert Knives (Stainless) and Flat Dessert Forks	30.30 set	22.75 set
12597	11597	10597	6597	9597	Modeled Handle Dinner Knives (Stainless) and Flat Dinner Forks	24.80 set	18.50 set



# COMMUNITY PLATE

## "Add-a-piece" Cabinets

IN THESE FOUR CABINETS  
COMBINATIONS FROM 36 TO 300  
PIECES CAN BE ARRANGED FOR.

A MINIMUM QUANTITY OF PIECES  
CAN BE PURCHASED AND ADDED  
TO FROM TIME TO TIME.

55-90 Piece  
Cabinet

100-200  
Piece  
Cabinet

36-60 Piece Cabinet

200-300 Piece Cabinet

These Cabinets are of *Hand Polished Brown Mahogany* and richly lined in *Deep Blue Velvet*.

Beautiful *Store Display*. Sell single Pieces or complete sets from Cabinet.

A *Beautiful Possession* in any home. Something of which the housewife can be justly proud.

For convenience these Cabinets are sold with combinations as listed below, but *any assortment desired can be purchased*.

Make your own selection of contents. Show the customer that *she* also may make *her own* selection.

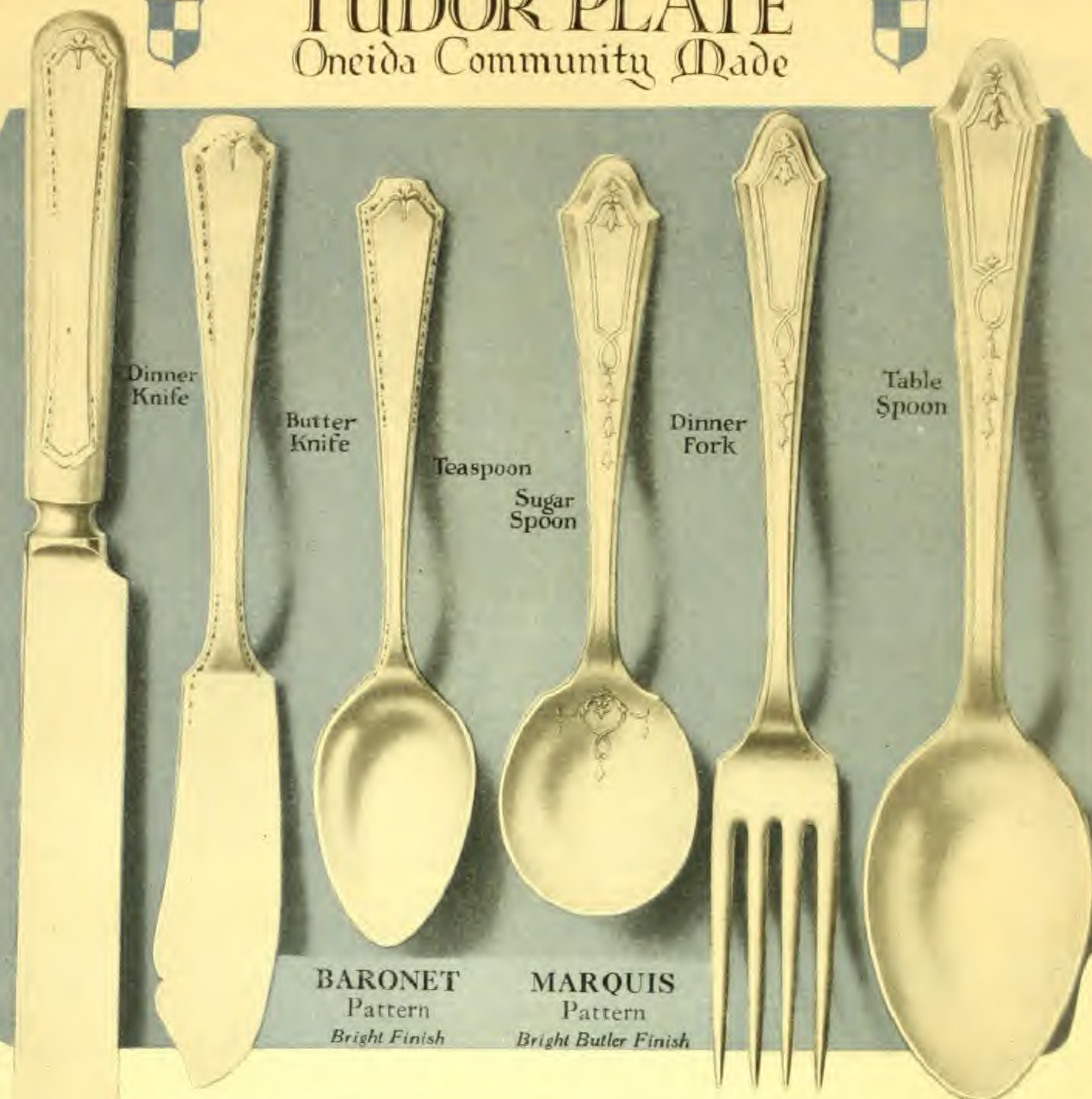
Bird of Paradise	Grosvenor	Adam	Patrician	Sheraton		DEALERS PRICES SUBJECT TO REGULAR TRADE DISCOUNT, PLUS 2 3/4% SALES TAX	PRICES TO CONSUMERS
					<b>36 TO 60 PIECE CABINET—45 PIECE CONTENTS</b>	Each	Each
122336	112336	102336	62336	92336	With Hollow Handle Dinner Knives	\$100.88	\$76.50
122337	112337	102337	62337	92337	With Modeled Handle Dinner Knives	95.32	72.00
60	60	60	60	60	Empty Cabinet	17.10	11.00
					12 Teaspoons 6 Dinner Forks 1 Cold Meat Fork 1 Gravy Ladle		
					6 Dessert Spoons 6 Dinner Knives 1 Berry Spoon 1 Pickle Fork		
					3 Table Spoons 1 Butter Knife 1 Sugar Spoon 6 Ind. Butter Spreads		
					<b>55 TO 90 PIECE CABINET—72 PIECE CONTENTS</b>		
					12 Teaspoons 6 Dinner Knives 6 Ind. Salad Forks 1 Cold Meat Fork		
					6 Dessert Spoons 6 Dinner Forks 6 Ind. Butter Sprds. 1 Berry Spoon		
					6 Soup Spoons 6 Dessert Knives 1 Sugar Spoon 1 Gravy Ladle		
					6 Tablespoons 6 Dessert Forks 1 Butter Knife 1 Pickle Fork		
122472	112472	102472	62472	92472	With Hollow Handle Knives	209.38	152.25
122473	112473	102473	62473	92473	With Modeled Handle Knives	198.62	143.50
90	90	90	90	90	Empty Cabinet	71.50	44.75
					<b>100 TO 200 PIECE CABINET—140 PIECE CONTENTS</b>		
24 Teaspoons	12 Dinner Knives	12 Dessert Forks	12 Ind. Butter Spreads	1 Berry Spoon	1 Pickle Fork	1 Sugar Tongs	
12 Soup Spoons	12 Dinner Forks	12 5 o'Clock Teas.	1 Butter Knife	1 Cold Meat Fork	1 Pierced Pastry Ser.	1 Small 2-pc. Carver	
6 Tablespoons	12 Dessert Knives	12 Ind. Salad Forks	1 Sugar Spoon	1 Gravy Ladle	1 Med. Soup Ladle	1 Large 3-pc. Carver	
122140	112140	102140	62140	92140	With Hollow Handle Knives	\$406.20	\$297.75
122141	112141	102141	62141	92141	With Modeled Handle Knives	384.66	280.25
219	219	219	219	219	Empty Cabinet	106.70	66.75
					<b>200 TO 300 PIECE CABINET—255 PIECE CONTENTS</b>		
24 Teaspoons	12 Orange Spoons	12 Ice Cream Forks	12 Fruit Knives	1 Berry Spoon	1 Preserve Spoon	1 Cake Serving Fork	
6 Tablespoons	12 Bouillon Spoons	12 Dinner Knives	12 Orange Knives	1 Cold Meat Fork	1 Olive Spoon	1 Sugar Tongs	
12 Dessert Spoons	12 Ind. Salad Forks	12 Dinner Forks	1 Butter Knife	1 Cream Ladle	1 Jelly Server	1 Cheese Knife	
12 A.D. Coffee Spoons	12 Ind. Butter Spread	12 Dessert Knives	1 Sugar Spoon	1 Gravy Ladle	1 Pierced Pastry Server	1 Small 3-pc. Carver	
12 5 o'Clock Teas.	12 Oyster Forks	12 Dessert Forks	1 Pickle Fork	1 Med. Soup Ladle	1 Pierced Tomato Server	1 Large 3-pc. Carver	
12 Soup Spoons (R.B.)	12 Iced Tea Spoons						
122255	112255	102255	62255	92255	With Hollow Handle Knives	\$651.72	\$484.00
122256	112256	102256	62256	92256	With Modeled Handle Knives	630.20	466.50
319	319	319	319	319	Empty Cabinet	145.54	91.00

NOTE—If Stainless Blade Knives are desired in any Cabinet add the difference in cost between Plated and Stainless Blade Knives listed on Page 1.



# TUDOR PLATE

Oneida Community Made



Tudor Plate  
is to the  
Lower Price Market  
what  
Community Plate  
is to the Higher

Marquis	Baronet			DEALERS' PRICES SUBJECT TO REGULAR TRADE DISCOUNT PLUS 2 1/4% SALES TAX	PRICES TO CONSUMERS
SPOONS					
36602	39602	Tea	12 in box	\$4.48 per doz.	\$1.75 set of six
36601	39601	5 o'Clock or Sherbet Spoons	12 in box	4.48 per doz.	1.75 set of six
36603	39603	Dessert	12 in box	8.44 per doz.	3.30 set of six
36605	39605	Table	12 in box	8.96 per doz.	3.50 set of six
36604	39604	Soup (Round Bowl)	12 in box	8.96 per doz.	3.50 set of six
FORKS					
36607	39607	Dinner or Medium (Flat Handle)	12 in box	8.96 per doz.	3.50 set of six
36606	39606	Dessert (Flat Handle)	12 in box	8.44 per doz.	3.30 set of six
KNIVES (PLATED BLADES)					
36611	39611	Hollow Handle Dinner or Medium	6 in blue lined box	29.40 per doz.	10.75 set of six
36612	39612	Hollow Handle Dessert	6 in blue lined box	29.00 per doz.	10.50 set of six
36615	39615	Embossed Handle Dinner or Medium	6 in blue lined box	11.80 per doz.	4.35 set of six
36616	39616	Embossed Handle Dessert	6 in blue lined box	11.60 per doz.	4.25 set of six
36698	39698	Embossed Handle Fruit	6 in blue lined box	10.80 per doz.	4.00 set of six
KNIVES (STAINLESS BLADES)					
36664	39664	Hollow Handle Dinner or Medium	6 in blue lined box	34.60 per doz.	12.75 set of six
36626	39626	Hollow Handle Dessert	6 in blue lined box	33.60 per doz.	12.25 set of six
36594	39594	Embossed Handle Dinner or Medium	6 in blue lined box	23.80 per doz.	8.75 set of six
36493	39493	Embossed Handle Dessert	6 in blue lined box	22.60 per doz.	8.50 set of six
CORRECT SERVICE PIECES (Illustrated on next page)					
36650	39650	*Sugar Spoon	1 in blue lined gift box	11.52 per doz.	.75 each
36695	39695	*Butter Knife	1 in blue lined gift box	11.52 per doz.	.75 each
36729	39729	Butter and Sugar Set	Set in blue lined gift box	23.04 per doz.	1.50 set

\*Illustrated on opposite page.

All prices subject to change without notice.



# TUDOR PLATE

Oneida Community Made



BOUILLON OR CONSOMME SPOONS



ICED TEA OR ICED DRINK SPOONS



INDIVIDUAL BUTTER SPREADERS



PIERCED SERVER FOR TOMATOES, ETC.



ORANGE OR GRAPE FRUIT SPOONS



INDIVIDUAL SALAD FORKS



BABY SPOON (Bent Handle)



COLD MEAT OR SERVING FORK  
SMALL COLD MEAT OR SARDINE FORK



SALAD DRESSING OR CREAM LADLE  
SERVING OR GRAVY LADLE



LARGE BERRY OR SERVING SPOON  
SMALL BERRY OR PRESERVE SPOON



PICKLE OR OLIVE FORK



SUGAR SPOON



BUTTER KNIFE



SHERBET OR 5 O CLOCK TEA SPOONS  
AFTER DINNER COFFEE SPOONS



OYSTER OR SEAFOOD FORKS

Marquis	Baronet	CORRECT SERVICE PIECES IN BLUE LINED GIFT BOXES WITH NEW GLASSINE ANTI-TARNISH "SEALED IN SIGHT" PACK. ABSOLUTE PROTECTION AGAINST DUST AND MOISTURE.		DEALERS' PRICES SUBJECT TO REGULAR TRADE DISCOUNT PLUS 2 1/2% SALES TAX	PRICES TO CONSUMERS
36625	39625	Coffee Spoons	6 in blue lined gift box	\$4.48 per doz.	\$1.75 set of six
36622	39622	Bouillon or Consomme Spoons	6 in blue lined gift box	10.20 per doz.	4.00 set of six
36629	39629	Iced Tea or Iced Drink Spoons	6 in blue lined gift box	7.76 per doz.	3.00 set of six
36657	39657	Ice Cream or Sundae Spoons	6 in blue lined gift box	7.76 per doz.	3.00 set of six
36641	39641	Orange or Grapefruit Spoons	6 in blue lined gift box	7.76 per doz.	3.00 set of six
36619	39619	Baby Spoon (Bent Handle)	6 in blue lined gift box	7.76 per doz.	3.00 set of six
36620	39620	Berry or Serving Spoon	1 in blue lined gift box	10.32 per doz.	.65 each
36483	39483	Jam or Conserve Spoon	1 in blue lined gift box	31.20 per doz.	2.00 each
36688	39688	Individual Salad or Pastry Fork	1 in blue lined gift box	10.32 per doz.	.65 each
36679	39679	Oyster or Seafood Forks	6 in blue lined gift box	12.24 per doz.	4.75 set of six
36667	39667	Cold Meat or Serving Fork	6 in blue lined gift box	9.00 per doz.	3.50 set of six
36668	39668	Small Cold Meat Fork	1 in blue lined gift box	19.44 per doz.	1.25 each
36682	39682	Pickle or Olive Fork	1 in blue lined gift box	15.60 per doz.	1.00 each
36697	39697	Individual Butter Spreaders	1 in blue lined gift box	15.60 per doz.	1.00 each
36715	39715	Salad Dressing or Cream Ladle	1 in blue lined gift box	11.00 per doz.	4.25 set of six
36717	39717	Serving or Gravy Ladle	1 in blue lined gift box	18.00 per doz.	1.25 each
36721	39721	Medium Soup or Serving Ladle	1 in blue lined gift box	23.28 per doz.	1.50 each
36690	39690	Pierced Server for Tomatoes, Croquettes, etc.	1 in blue lined gift box	61.92 per doz.	4.00 each
36728	39728	2-Piece Steak or Game Carver, Hollow Handle	1 in blue lined gift box	31.20 per doz.	2.00 each
36783	39783	3-Piece Small Carver	Set in blue lined gift box	11.60 per doz.	8.75 set
36737	39737	Child's Set (Spoon, Fork and Flat Knife)	Set in blue lined gift box	18.00 per doz.	13.25 set
36708	39708	Sugar Tongs	in blue lined gift box	31.20 per doz.	2.00 set
36710	39710	Pie Server (Hollow Handle)	in blue lined gift box	23.28 per doz.	1.50 each
			in brocade lined box	54.00 per doz.	3.50 each



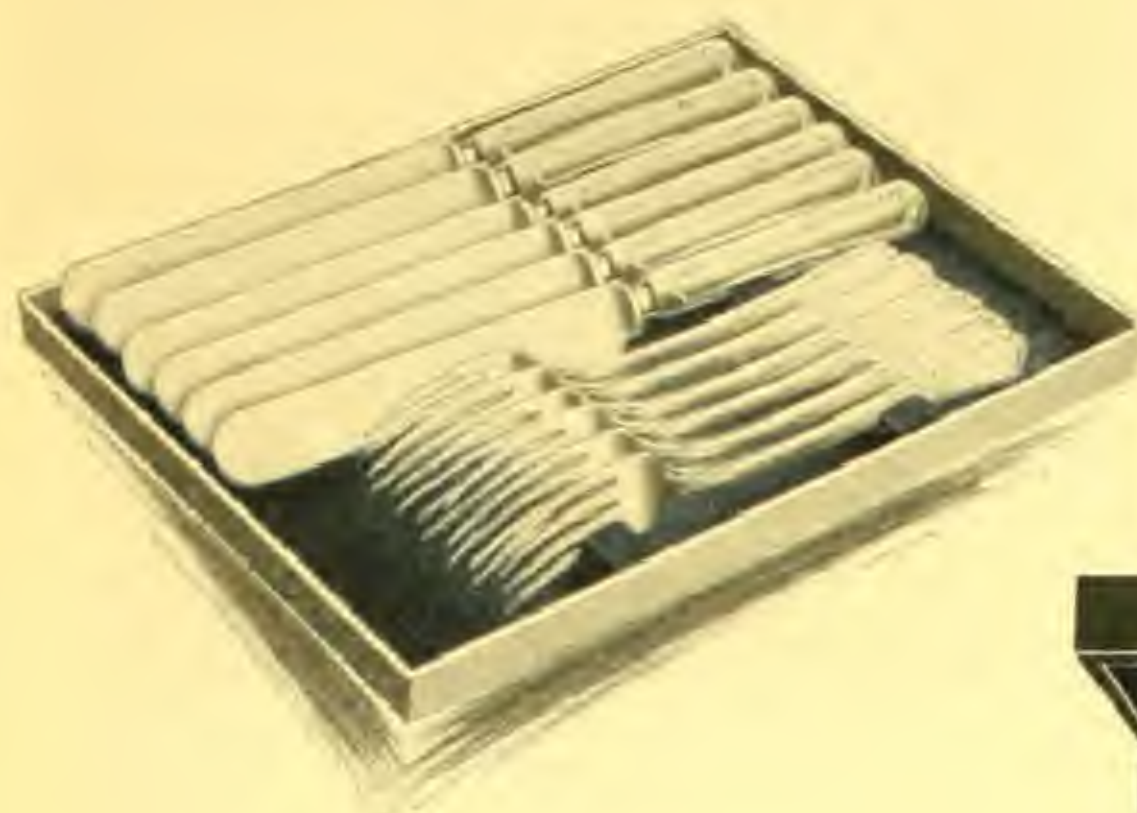
# TUDOR PLATE

Oneida Community Made

## Knife and Fork Sets

Just the thing you've been looking for.

Increase your sales by displaying this set.



*Tudor Knife and Fork Set*

In a beautiful blue lined box.

Gives you a real opportunity to display set advantageously and sell it as a Gift Piece.

First time the KNIFE and FORK SET has ever been offered in gift boxes.



## Buffet Sets

The big thing to feature in Tudor.

The Case Is FREE with 26 Pieces.



*26-Piece Tudor Buffet*

BLUE LINED—Attractive display of Silverware.

A REAL APPEAL TO THE WOMAN—Not merely a container but a distinct ornament on her sideboard.

CONVENIENT—Slips easily into sideboard drawers; brings silver to table all at one time—SAVES STEPS.

26-PIECE MAHOGANY FINISH CHEST  
WITH DRAWER ILLUSTRATED

		KNIFE AND FORK SETS			
		6 KNIVES AND 6 FORKS IN BLUE LINED BOX			
Marquis	Baronet				
36803	39803	Embossed Handle Dinner Knives and Flat Dinner Forks	\$10.38 set		\$7.85 set
36804	39804	Embossed Handle Dessert Knives and Flat Dessert Forks	10.00 set		7.55 set
36742	39742	Hollow Handle Dinner Knives and Flat Dinner Forks	19.18 set		14.25 set
36743	39743	Hollow Handle Dessert Knives and Flat Dessert Forks	18.72 set		13.80 set
36598	39598	Hollow Handle Dinner Knives (Stainless) and Flat Dinner Forks	21.78 set		16.25 set
36103	39103	Hollow Handle Dessert Knives (Stainless) and Flat Dessert Forks	21.00 set		15.55 set
36597	39597	Embossed Handle Dinner Knives (Stainless) and Flat Dinner Forks	16.38 set		12.25 set
36491	39491	Embossed Handle Dessert Knives (Stainless) and Flat Dessert Forks	15.52 set		11.80 set
BUFFET SETS (26 PIECES)					
36585	39585	With Embossed Handle Dinner Knives and Flat Dinner Forks	19.00 set		14.60 set
36581	39581	With Embossed Handle Dessert Knives and Flat Dessert Forks	18.40 set		14.10 set
36584	39584	With Hollow Handle Dinner Knives and Flat Dinner Forks	27.80 set		21.00 set
36580	39580	With Hollow Handle Dessert Knives and Flat Dessert Forks	27.10 set		20.35 set
36579	39579	With Hollow Handle Dinner Knives (Stainless) and Flat Dinner Forks	30.40 set		23.00 set
36488	39488	With Hollow Handle Dessert Knives (Stainless) and Flat Dessert Forks	29.40 set		22.10 set
36577	39577	With Embossed Handle Dinner Knives (Stainless) and Flat Dinner Forks	25.00 set		19.00 set
36489	39489	With Embossed Handle Dessert Knives (Stainless) and Flat Dessert Forks	23.90 set		18.35 set
CHESTS					
470	470	50 Piece Mahogany Finish with Drawer, Royal Blue Satin Lining	18.00 each		11.25 each
36470	39470	With Hollow Handle Dinner Knives and Flat Dinner Forks	71.46 each		51.55 each
36470A	39470A	With Hollow Handle Dessert Knives and Flat Dessert Forks	70.54 each		50.65 each
36470B	39470B	With Embossed Handle Dinner Knives and Flat Dinner Forks	53.85 each		38.75 each
36470C	39470C	With Embossed Handle Dessert Knives and Flat Dessert Forks	53.14 each		38.15 each
*	*	Empty 26 Piece Oak No. 465B or Mahogany Finish No. 464B Chest with Drawer	3.70 each		2.75 each
*459	*459	Empty 26 Piece Leatherette Chest with Drawer	8.60 each		6.25 each

\*For Chests and Contents complete add price of Empty Chest to Buffet Set.

26 Piece Chests contain 6 Teaspoons, 6 Dessert Spoons, 6 Knives, 6 Forks, 1 Butter Knife, 1 Sugar Spoon.

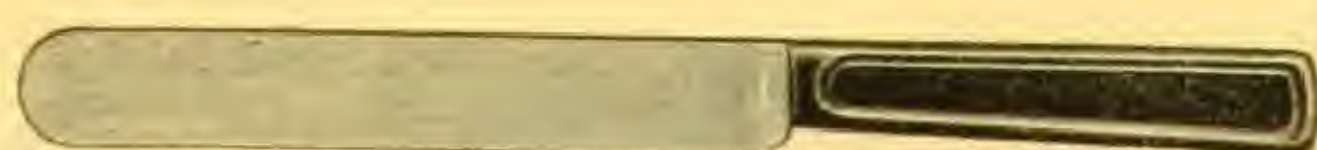
NOTE—If Stainless Knives wanted add difference between Price of Knives with Plated Blades and Knives with Stainless Blades.

PRINTED IN U.S.A.



TABLE KNIVES AND FORKS

METAL HANDLE



No. 900.—Japanned iron handle; straight blade; 4 tine forks; length of blade 5½ inches; length of handle 3½ inches; weight per dozen knives and forks (24 pieces) 6 lbs. Per dozen ..... \$4.50



No. 10.—Hollow steel handle; straight blade; nickel plated finish; 4 tine fork; length of blade 5¼ inches; length of handle 3¾ inches; weight per set of six knives and six forks (12 pieces) 1½ lbs. Per set ..... \$2.70



STANDARD; silver plated; straight blade; oval handle; 4 tine fork; length of blade 5½ inches; length of handle 4 inches; weight per set of six knives and six forks (12 pieces) 1½ lbs. Per set ..... \$5.75



No. 70.—Hollow steel handle; hollow back blade; nickel plated finish; 4 tine fork; length of blade 5½ inches; length of handle 4 inches; weight per set of six knives and six forks (12 pieces) 1½ lbs. Per set ..... \$3.20

KNIVES ONLY

METAL HANDLE



TABLE KNIVES

STANDARD; silver plated; straight blade; oval handle; length of blade 5½ inches; length of handle 4 inches; weight per dozen (12 pieces) 1½ lbs. Per dozen ..... \$5.75

No. 9636.—Pyramid brand; hollow aluminium handles; stainless steel blades; length of blade 5½ inches; length over all 9¼ inches; weight per dozen (12 pieces) 2½ lbs. Per dozen ..... \$18.00  
One dozen in a box

DESSERT KNIVES

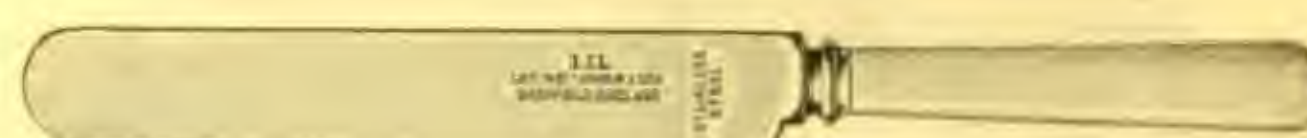
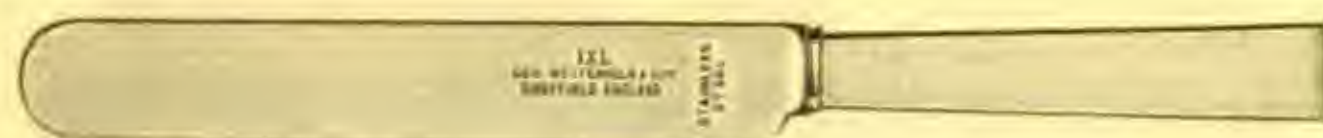
STANDARD; silver plated; straight blade oval handle; Length of blade 4½ inches; length of handle 3¾ inches; weight per dozen (12 pieces) 1¼ lbs. Per dozen ..... \$5.50  
Half dozen in a box

CELLULOID HANDLE



No. 5135.—Square handle; grain celluloid; secure handles; high grade Sheffield steel blades  
DESSERT; Per dozen ..... \$10.00  
TABLE; Per dozen ..... \$11.40

No. 5134.—Oval handle; grain celluloid; secure handle; high grade Sheffield steel blades  
DESSERT; Per dozen ..... \$11.00  
TABLE; Per dozen ..... \$13.00



No. 4619.—I. X. L.; Stainless steel blades; square handles; select grain celluloid; secure handle; finely finished; guaranteed  
DESSERT; Per dozen ..... \$19.00  
TABLE; Per dozen ..... \$24.00

No. 1620.—I. X. L.; Stainless steel blades; oval handles; select grain celluloid; Yankee bolster; secure handle; finely finished; guaranteed  
DESSERT; Per dozen ..... \$22.00  
TABLE; Per dozen ..... \$26.00

No. 33.—Sheffield stainless steel; square celluloid handles; securely fastened; well finished; good quality  
DESSERT; Per dozen ..... \$16.00  
TABLE; Per dozen ..... \$18.00

No. 33½.—Sheffield stainless steel; oval celluloid handles; securely fastened; well finished; good quality  
DESSERT; Per dozen ..... \$16.00  
TABLE; Per dozen ..... \$18.00



No. 3743.—RODGER; stainless steel blades; square handles; select celluloid; well finished; highly tempered  
DESSERT; per dozen ..... \$20.00  
TABLE; per dozen ..... \$24.50

No. 3499.—RODGER; stainless steel blades; oval handles; select celluloid; well finished; highly tempered  
DESSERT; per dozen ..... \$20.00  
TABLE; per dozen ..... \$24.50  
One dozen in a box.



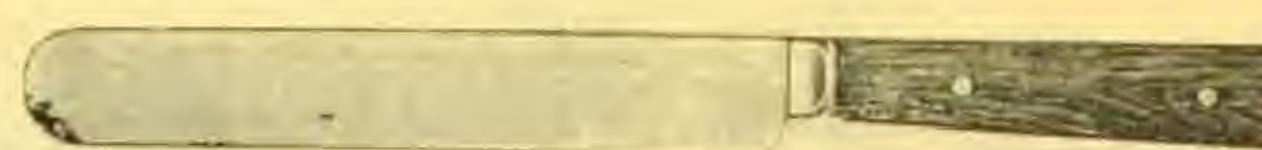
## Table Knives and Forks

## WOOD HANDLE



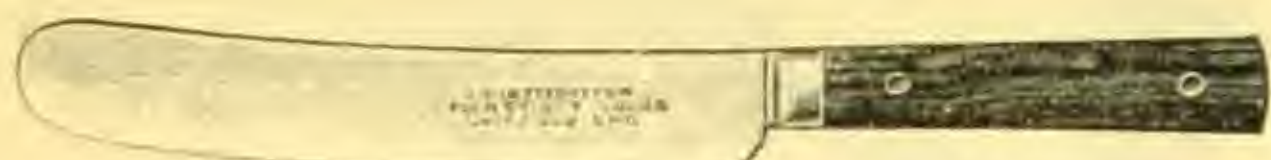
No. 1908.—Cocobolo handle; straight blade; 4 tine forks; length of blade  $5\frac{3}{4}$  inches; length of handle  $3\frac{1}{2}$  inches; weight per dozen knives and forks (24 pieces) 5 lbs. Per dozen \$5.00

One dozen in a box.



No. 1908 B.—Cocobolo handle with bolster; straight blade; 4 tine forks; length of blade  $5\frac{3}{4}$  inches; length of handle  $3\frac{1}{2}$  inches; weight per dozen knives and forks (24 pieces) 5 lbs. Per dozen \$6.50

One dozen in a box.



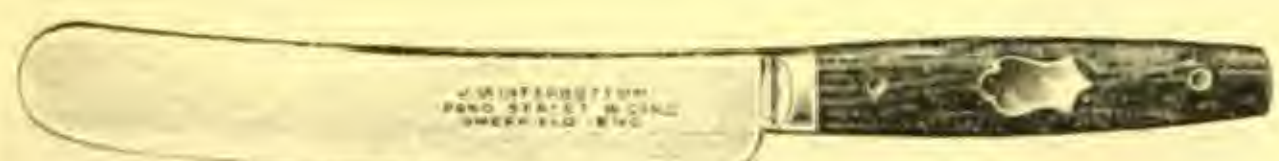
No. 1055.—Winterbottom brand; rosewood handle; plain curved blade; metal bolster; length of blade  $5\frac{3}{4}$  inches; length over all  $9\frac{1}{2}$  inches; weight per dozen knives and forks (24 pieces) 5 lbs. Per dozen \$7.50

One dozen in a box.



No. 1056.—Winterbottom brand; rosewood handle with metal plate; plain curved blade; metal bolster; length of blade  $5\frac{3}{4}$  inches; length over all  $9\frac{1}{2}$  inches; 4 prong steel fork; weight per dozen knives and forks (24 pieces) 5 lbs. Per dozen \$8.00

One dozen in a box.



No. 1091.—Winterbottom brand; rosewood handle; plain curved blade; large metal bolster; shield in handle; length of blade  $5\frac{3}{4}$  inches; length over all  $9\frac{1}{2}$  inches; 4 prong steel fork; weight per dozen knives and forks (24 pieces)  $5\frac{1}{2}$  lbs. Per dozen \$8.50

One dozen in a box.



No. 1313.—Pyramid brand; rosewood handle with ornamental inlaid metal bolster; swaged back curved blade; 4 prong steel fork; length of blade  $5\frac{3}{4}$  inches; length over all  $9\frac{1}{2}$  inches; weight per dozen knives and forks (24 pieces)  $5\frac{1}{4}$  lbs. Per dozen \$10.00

Half dozen in a box.



No. 1294.—Pyramid brand; rosewood handle; metal bolster inlaid as illustrated; curved blade with swaged back; 4 prong steel fork; length of blade  $5\frac{3}{4}$  inches; length over all  $9\frac{1}{2}$  inches; weight per dozen knives and forks (24 pieces)  $5\frac{1}{2}$  lbs. Per dozen \$9.00

One dozen in a box.



No. 1320.—Pyramid brand; rosewood handle; ornamental inlaid bolster and cap; curved blade with swaged back; 4 prong steel fork; length of blade  $5\frac{3}{4}$  inches; length over all  $9\frac{1}{2}$  inches; weight per dozen knives and forks (24 pieces) 6 lbs. Per dozen \$11.00

Half dozen in a box.

## Table Forks



Four prong flat steel forks as supplied with numbers 1055, 3055, 1056, 3056, 1091, 1313, 1294 and 1320, listed above, the handles in each case being of the same design as the knives illustrated; length of tines and shank  $4\frac{1}{4}$  inches; length over all 8 inches.



Four prong pressed steel forks, as supplied with numbers 1908 and 1908 B shown above, the handles in each case being of the same design as the knives illustrated length of tines and shank 4 inches; length over all  $7\frac{1}{2}$  inches.

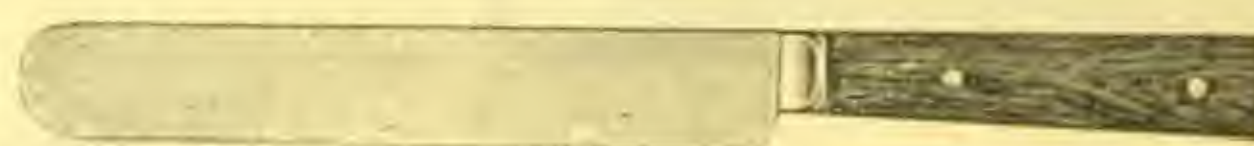
## Table Knives only

## WOOD HANDLE



No. 1908.—Cocobolo handle; straight blade; length of blade  $5\frac{3}{4}$  inches; length of handle  $3\frac{1}{2}$  inches; weight per dozen (12 pieces)  $2\frac{1}{2}$  lbs. Per dozen \$3.00  
No. 802.—Ebony handle; straight blade; length of blade  $5\frac{3}{4}$  inches; length of handle 4 inches; weight per dozen (12 pieces)  $2\frac{1}{2}$  lbs. Per dozen \$3.60

One dozen in a box.



No. 1908 B.—Cocobolo handle with bolster; straight blade; length of blade  $5\frac{3}{4}$  inches; length of handle  $3\frac{1}{2}$  inches; weight per dozen (12 pieces)  $2\frac{1}{2}$  lbs. Per dozen \$4.00

One dozen in a box.



## Bread Knives



No. 1882.—Climax; nickel plated wire handles; serrated edge steel blades; length over all  $15\frac{1}{2}$  inches; weight per dozen  $2\frac{3}{4}$  lbs. Per dozen . . . \$4.50



No. 305.—Climax; varnished wood handle with ferrule; serrated edge; straight steel blade; length over all  $13\frac{1}{2}$  inches; weight per dozen  $2\frac{1}{2}$  lbs. Per dozen . . . \$4.00

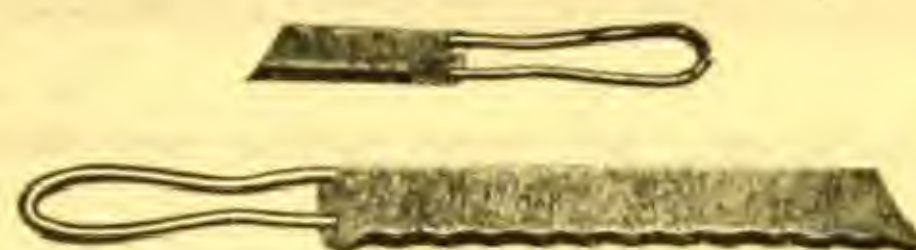


No. 308.—Victor black enamelled handle; serrated edge; tapered steel blade; length over all 15 inches; weight per dozen  $2\frac{3}{4}$  lbs. Per dozen . . . \$5.00



No. 325.—Victor; natural finish oak handle; serrated edge; tapered blade; saw back; length over all  $14\frac{1}{4}$  inches; weight per dozen 3 lbs. Per dozen . . . \$5.50

## KNIFE SETS



No. 1882 S.—Climax; wire handles; contents of sets one paring knife plain edge; length 12 inches; one cake knife serrated edge; length 12 inches; and one bread knife serrated edge; length  $15\frac{1}{2}$  inches; weight per dozen sets 6 lbs. Per dozen sets . . . \$10.00



No. 334.—Victor; polished redwood handle; nickel ferrule; serrated edge; high grade steel blade; skew back; length over all  $14\frac{3}{4}$  inches; weight per dozen 3 lbs. Per dozen . . . \$10.00

## Oyster Knives



No. 5949.—Polished steel blade; tapered and rounded; length  $4\frac{1}{4}$  inches; beech handle; steel ferrule; weight per dozen 2 lbs. Per dozen . . . \$3.00

One dozen in a box.



No. 5945.—Polished steel blade; with guard; tapered and rounded; length  $3\frac{1}{4}$  inches; brass ferrule; polished beech handle; weight per dozen  $2\frac{1}{4}$  lbs. Per dozen . . . \$4.50

## Kitchen Knives

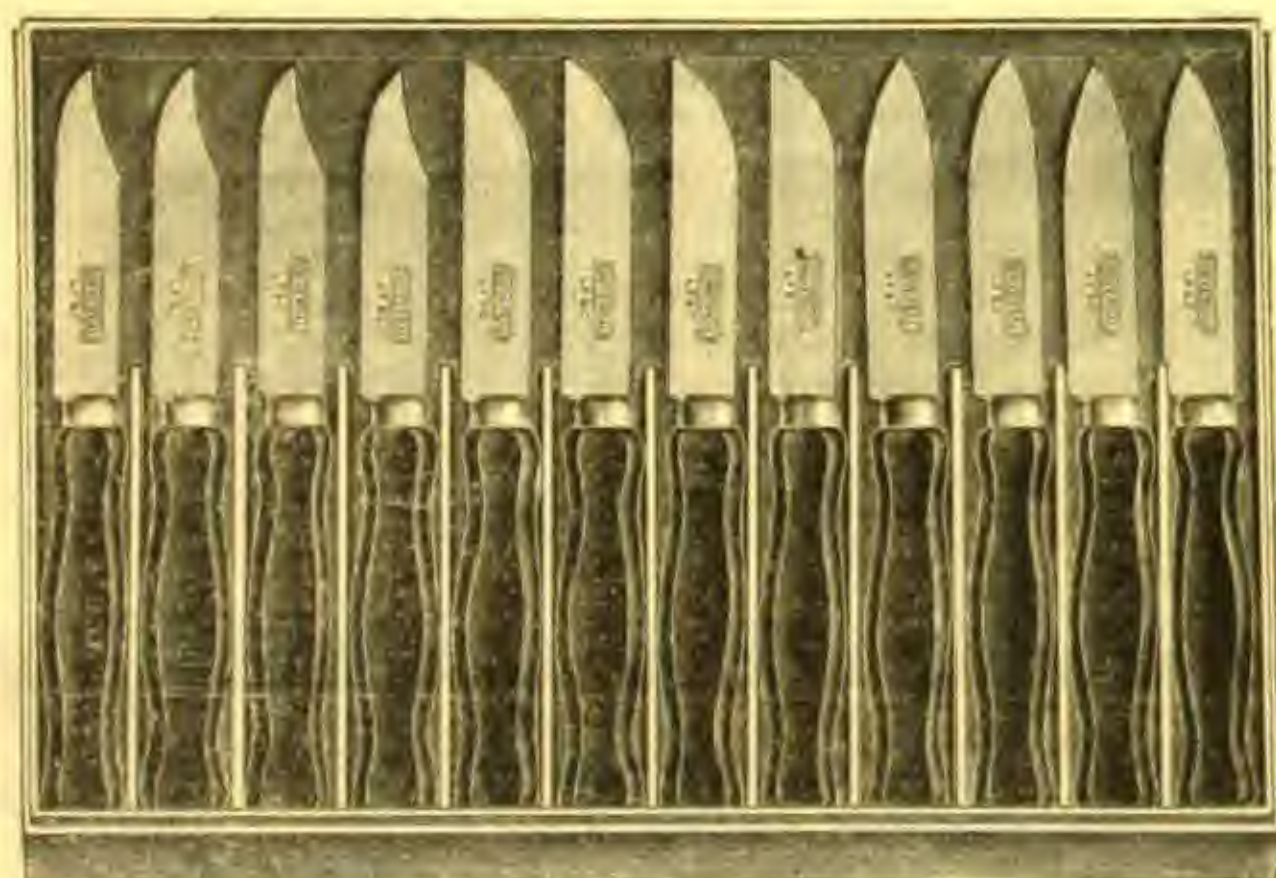


Acme; polished steel blades; assorted points; hardwood handle; weight per dozen  $1\frac{1}{2}$  lbs. Per dozen . . . \$2.50

One dozen in a box.

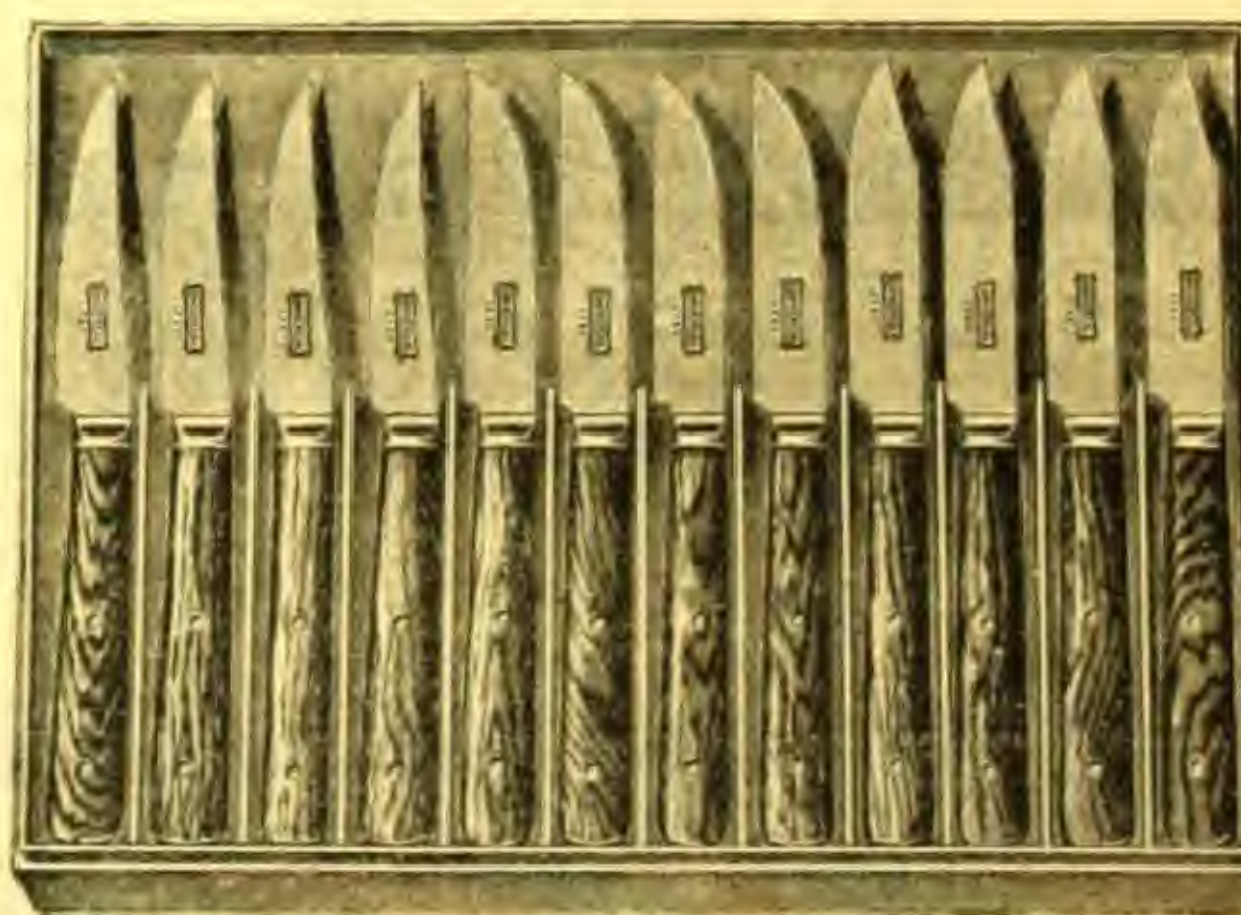


No. 1334.—Stainless steel blade; ebony handles; blades are assorted patterns and  $3\frac{1}{2}$  to 4 inches long; weight per dozen 1 lb. Per dozen . . . \$5.50



No. 340 A.—Assortment; polished steel blades; assorted points; black rubberoid handles; metal ferrules; weight per dozen  $1\frac{1}{2}$  lbs. Per dozen . . . \$3.20

One dozen in racked display box.



No. 2155 A.—Assortment; polished steel blades; assorted points; cocobolo handles; metal bolsters; scale tangs; weight per dozen  $1\frac{1}{4}$  lbs. Per dozen . . . \$4.50



## Miscellaneous Knives

## SPATULAS



No. 2107.—Cocobolo handle; metal bolster; forged crucible steel blade; flexible.

Length of blade, inches	6	8	10
Weight per dozen, lbs	2½	2¾	4½

Per dozen	\$13.20	21.00	32.30
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Half dozen in a box.

## SHOE KNIVES



No. 4.—Stained hardwood handle; steel ferrule; square point blade; forged crucible steel; length of blade 3¾ inches; length over all 7½ inches; weight per dozen 1¼ lbs.

Per dozen	\$4.50
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One dozen in a box.

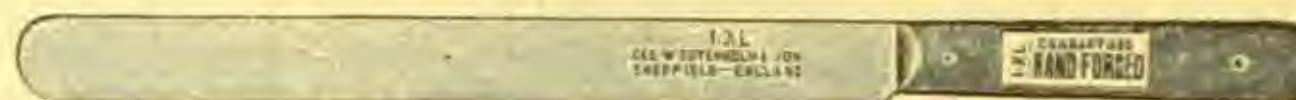
## LUNCH SLICERS



No. 2830.—Cocobolo handle; polished; crucible steel blade; swaged pattern; length of blade 7¾ inches; weight per dozen 4 lbs.

Per dozen	\$8.70
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## HAM SLICERS



No. 2664.—Rosewood handle; hand forged Sheffield steel blade; round point; carefully tempered and ground.

Length of blade, inches	10	12
Weight per dozen, lbs	2¾	3
Per dozen	\$28.30	38.80

Half dozen in a box.

## SABATIER SLICER



No. 1102.—Ebonized hardwood handle; sure grip pattern; flush steel bolster; forged steel blade; narrow tapered pattern.

Length of blade, inches	8	10
Weight per dozen, lbs	2½	4

Per dozen	\$14.00	21.00
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## SABATIER COOKS



No. 1101.—Ebonized hardwood handle; sure grip pattern; flush steel bolster; forged crucible steel blade; wide heel.

Length of blade, inches	6	7	8	10	12
Weight per dozen, lbs	1½	2	3	5	6½
Per dozen	\$10.80	12.00	14.00	21.00	27.00

## SABATIER CHEF

No. 1116.—Extra heavy pattern; same style and quality as No. 1101.

Length of blade, inches	12	14
Weight per dozen, lbs	12	16
Per dozen	\$56.00	84.00

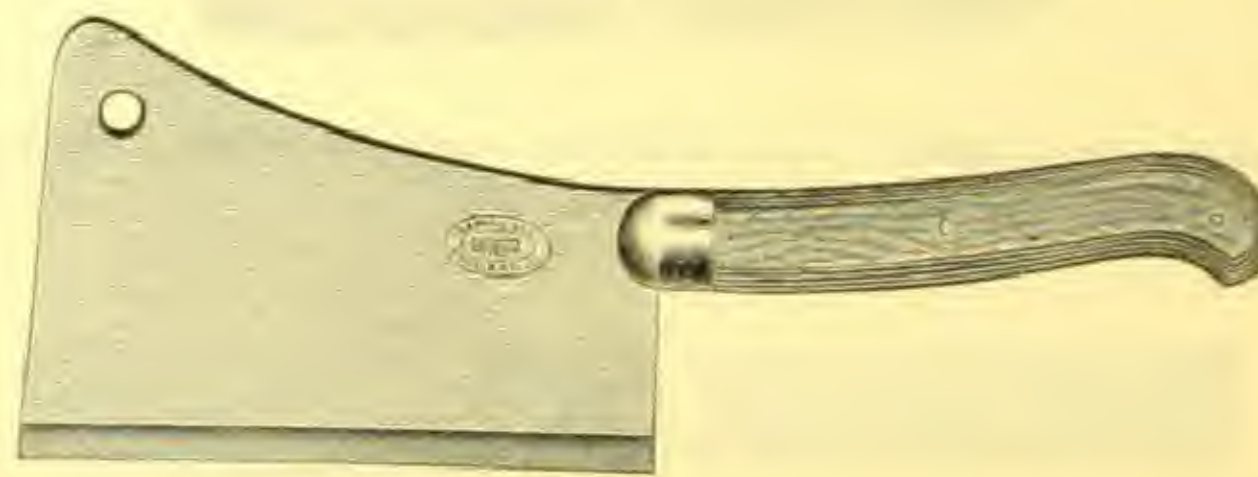
Half dozen in a box.

## CLEAVERS



No. 7 C.—Family cocobolo handle; compression brass rivets; forged steel blade with hang up eye; length of blade 7 inches; width of blade 3 inches; length over all 12 inches; weight per dozen 6 lbs. Per dozen \$14.00

Half dozen in a box.



No. 40.—Butchers; octagon beech handle; steel ferrule; forged crucible steel blade; carefully tempered and polished.

Length of blade, inches	8	9
Weight each, lbs	3	3½
Each	\$8.30	9.00

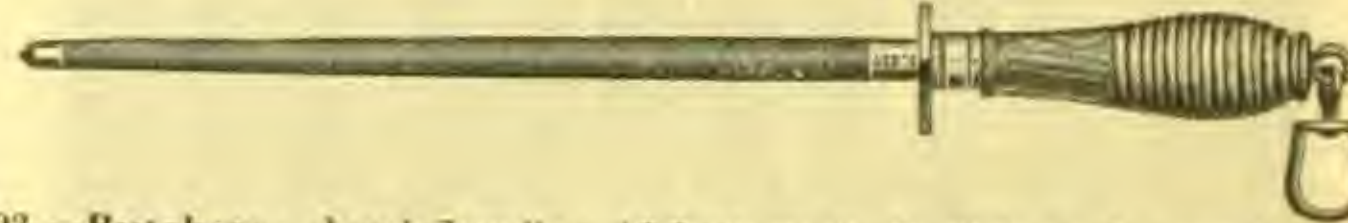
Open stock.

## STEELS



No. V 46.—Table; cream ivory handle; highest grade forged steel; length of steel 8½ inches; weight per dozen 5 lbs. Per dozen \$25.00

Half dozen in a box.



No. 102.—Butchers; beech handle; highest grade English steel; specially hardened and tempered; diamond metal guard; swivel loop.

Length, inches	10	12	14
Weight per dozen, lbs	10½	12½	12¾
Per dozen	\$19.30	24.50	30.30

Half dozen in a box.



## Wostenholm Butcher Knives



No. 2609.—I. X. L.; Forged crucible steel blade; polished; highly tempered; rosewood handle; three pins.

Length of blade, inches.....	6	7	8	9	10	12	14
Weight per dozen, lbs.....	3½	4¼	4¾	5½	7	9	12
Per dozen.....	\$11.20	13.30	14.80	17.90	20.50	24.70	34.70

Half dozen in a box.

## SKINNING KNIVES



No. 2609 S.—I. X. L.; forged crucible steel blade; polished; highly tempered; rosewood handle; three pins.

Length of blade, inches.....	6	6½
Weight per dozen, lbs.....	3	3½
Per dozen.....	\$13.30	13.90

Half dozen in a box.

## STICKING KNIVES



No. 5248.—I. X. L.; forged crucible steel blade; polished; highly tempered; rosewood handle; three pins.

Length of blade, inches.....	6	7	8
Weight per dozen, lbs.....	3	4¼	4¾
Per dozen.....	\$11.00	13.90	15.90

Half dozen in a box.

## Rodger Butcher Knives



No. 1707.—Rodger; hand forged from best Sheffield steel; carefully ground and tempered; select rosewood handle; four brass pins.

Length of blade, inches.....	6	6½	7	7½	8	9	10	12	14
Weight per dozen, lbs.....	3½	3¾	4¼	4½	4¾	5½	7	9	12
Per dozen.....	\$13.30	14.30	15.90	17.10	18.40	22.80	26.40	42.00	63.90

Half dozen in a box.

## SKINNING KNIVES



No. 1712.—Rodger; hand forged; best quality Sheffield steel; carefully ground and tempered; rosewood handle; four pins.

Length of blade, inches.....	5	6	7
Weight per dozen, lbs.....	3	3½	4¼
Per dozen.....	\$11.30	13.80	16.80

Half dozen in a box.

## STICKING KNIVES



No. 1710.—Rodger; hand forged; best quality Sheffield steel; carefully ground and tempered; rosewood handle; four pins.

Length of blade, inches.....	6	7	8	9
Weight per dozen, lbs.....	3½	4¼	4¾	5½
Per dozen.....	\$14.60	17.10	19.70	23.00

Half dozen in a box.

## SABATIER BUTCHER KNIFE



No. 1325.—Sabatier; high grade crucible steel; correctly tempered and ground; beech handle; three rivets.

Length of blade, inches.....	7	8	9	10	12
Weight per dozen, lbs.....	4½	5	6	7	9
Per dozen.....	\$10.00	11.20	14.00	15.40	21.00

Half dozen in a box.

## SABATIER STICKING KNIFE



No. 1327.—Sabatier; polished steel blade; tempered and sharpened; beech handle; four rivets.

Length of blade, inches.....	7	8	9
Weight per dozen, lbs.....	4½	4¾	5½
Per dozen.....	\$10.00	11.20	14.20

Half dozen in a box.

## BUTTER KNIFE



No. 21.—Universal; forged steel blades; heavily retinned; metal bolster; cocobolo handle; four rivets; length of blade 6 inches; weight per dozen 3½ lbs. Per dozen.....

\$10.80

Half dozen in a box.

## CHEESE KNIFE



No. 203.—Universal; forged steel blade; heavily retinned; cocobolo handle; five rivets; length of blade 12 inches; weight per dozen 10 lbs. Per dozen.....

\$26.40



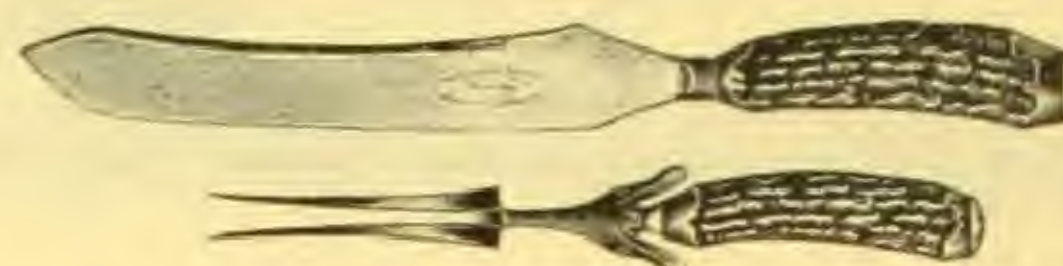
## Carving Sets

## IN PAIRS



No. 1212.—Two piece; round celluloid handles; Sheffield steel blades; hand forged; length of blade 9 inches; folding guard on fork; weight per pair 1 lb. Per pair. \$ 4.40

One pair in a cardboard box.

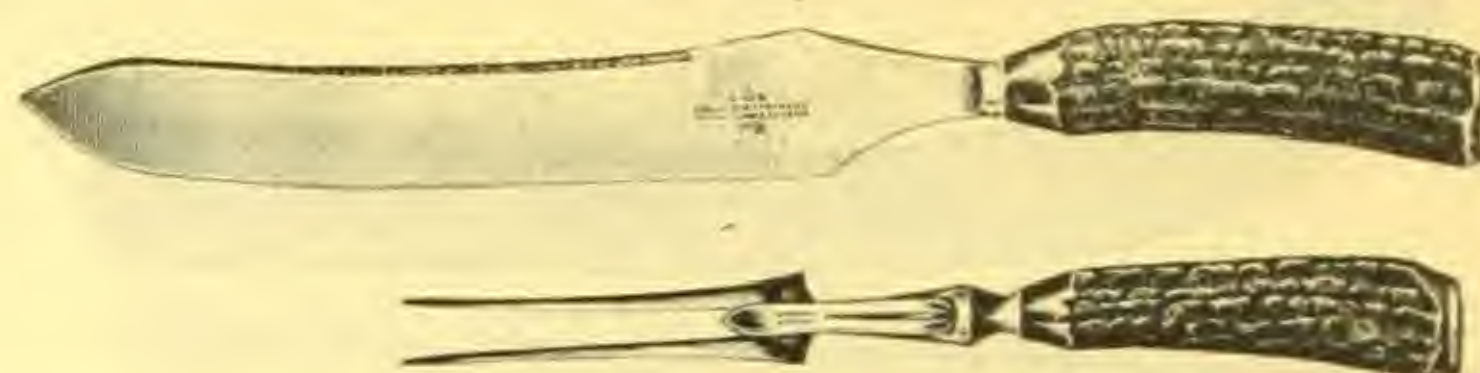


No. 856.—Two piece; imitation stag handles with steel cap; Sheffield steel blades; hand forged; folding guard on fork; length of blade 9 inches; weight per pair 1 lb. Per pair. \$ 4.40



No. 2217.—Two piece; square celluloid handles; hand forged steel blades; carefully tempered; length of blade 9 inches; folding guard on fork; weight per pair 1 lb. Per pair. \$ 6.00

One pair in a cardboard box.



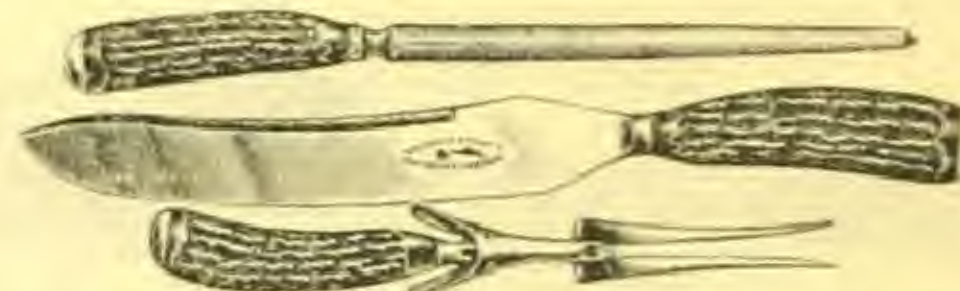
No. 2215.—Two piece; stag handles with steel cap; hand forged steel blades; high grade; length of blade 9 inches; folding guard on fork; weight per pair 1 lb. Per pair. \$ 6.00

## IN SETS



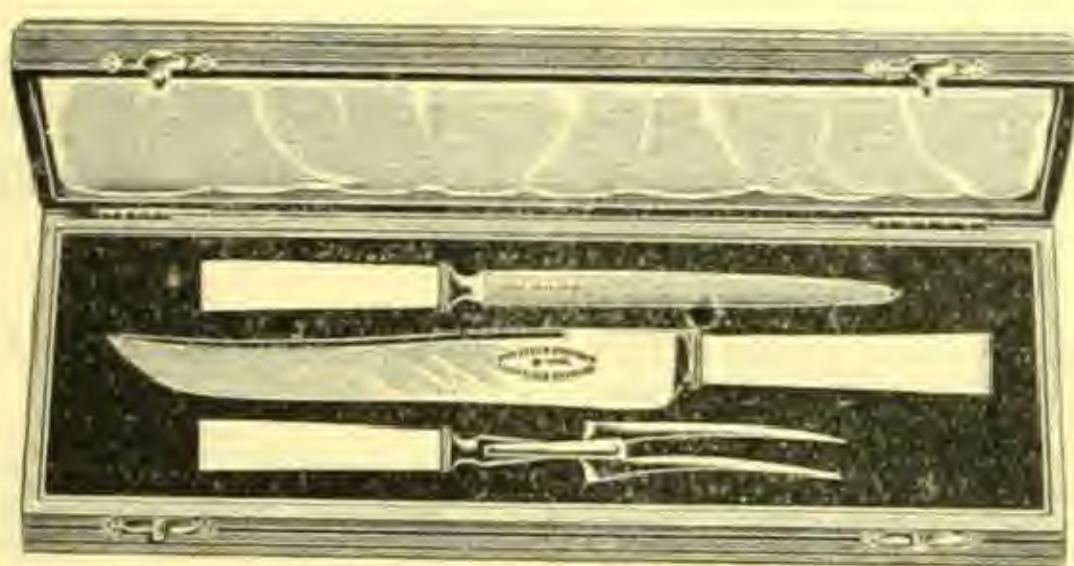
No. 1213 S.—Three piece; square celluloid handles; Sheffield steel; hand forged; length of knife blade 9 inches; weight per set 1 1/4 lbs. Per set. \$ 5.50

One set on a card.

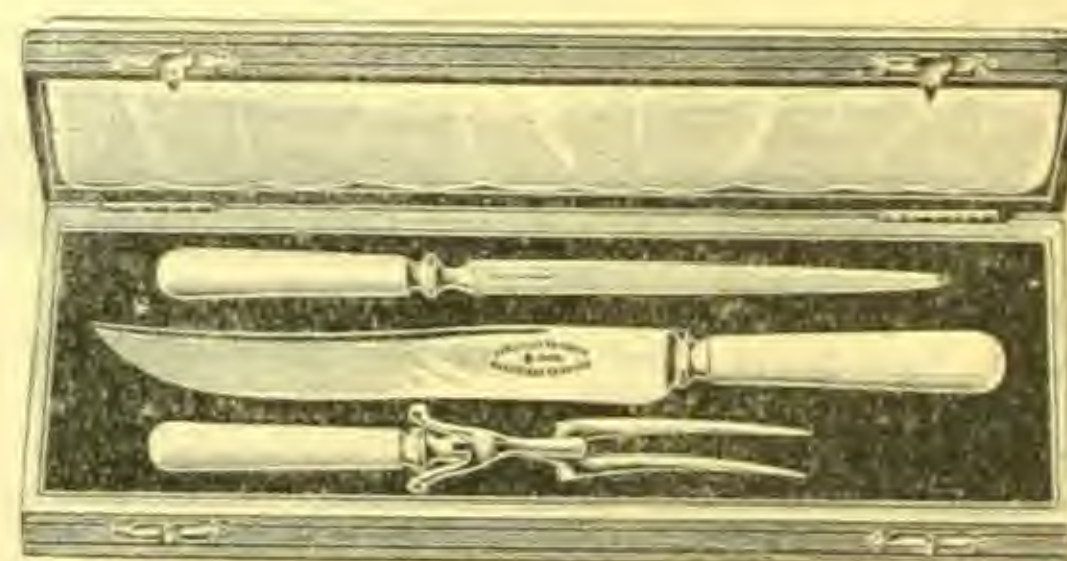


No. 856 S.—Three piece; imitation stag handles with steel cap; hand forged Sheffield steel; length of knife blade 9 inches; weight per set 1 1/4 lbs. Per set. \$ 6.00

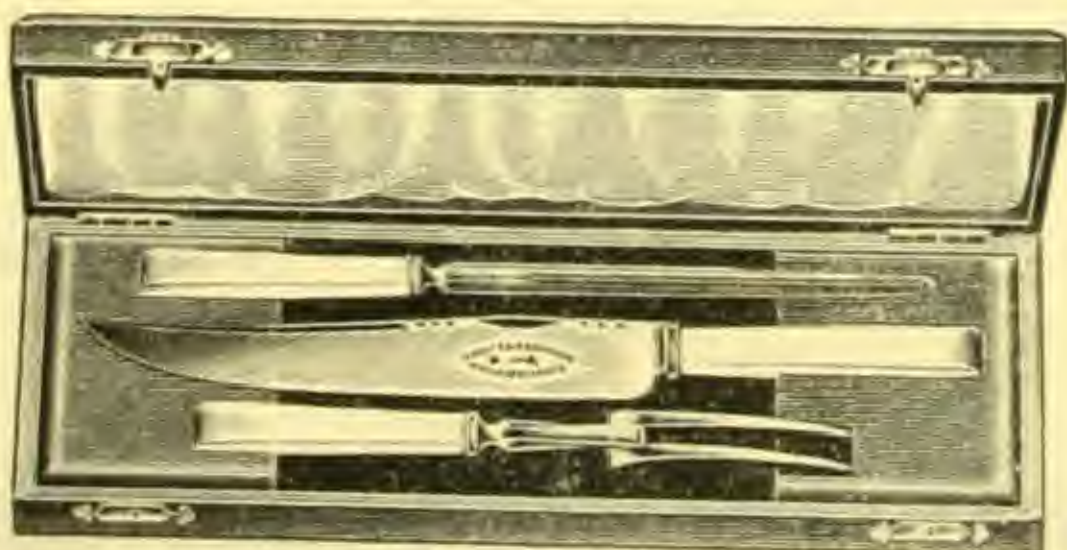
## IN CASES



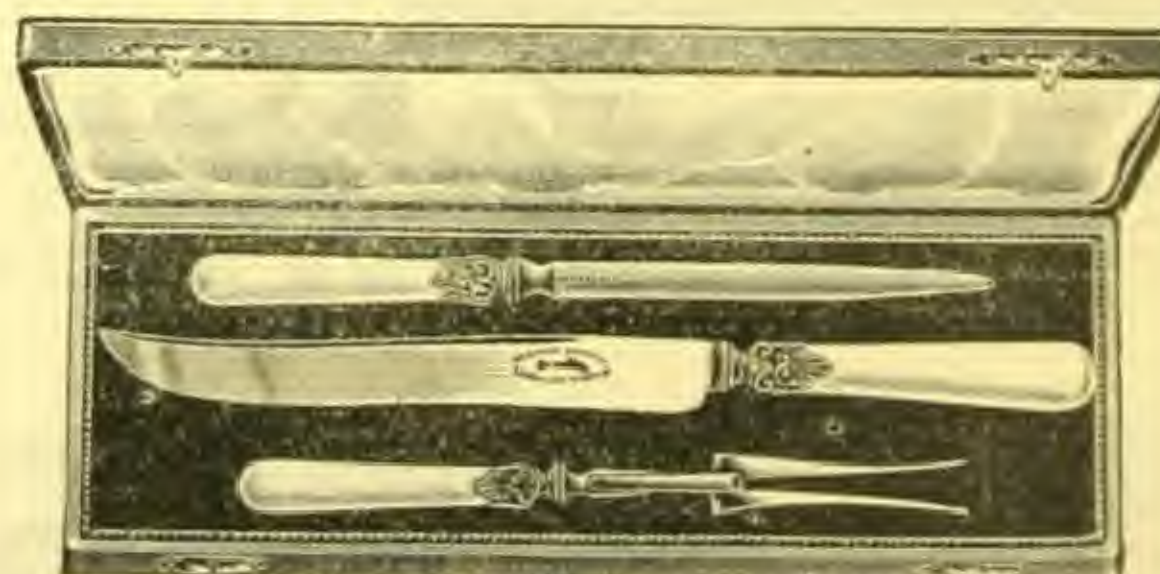
No. 1213 C. S.—Three piece; square celluloid handles; hand forged Sheffield steel blades; length of knife blade 9 inches; leatherette covered case with silk and plush lining; weight per set 2 lbs. Per set. \$ 8.00



No. 1212 C. S.—Three piece; oval celluloid handles; hand forged Sheffield steel blades; length of knife blade 9 inches; leatherette case; silk and plush lined; weight per set 2 lbs. Per set. \$ 9.50



No. 1206.—Three piece; square celluloid handles; hand forged; polished stainless steel blades; swaged back; length of knife blade 9 inches; leatherette case; silk and plush lined; weight per set 2 lbs. Per set. \$11.50



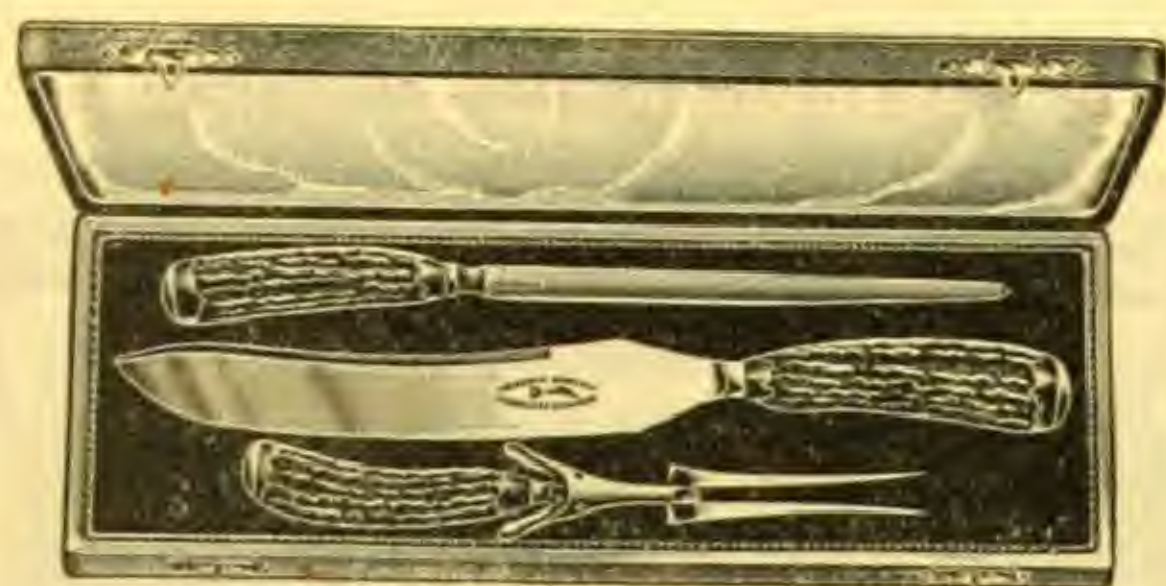
No. 727.—Three piece; oval celluloid handles; high grade Sheffield steel blades; swaged back; length of knife blade 9 inches; leatherette case; silk and plush lined; weight per set 2 lbs. Per set. \$10.00

Each case in a cardboard box.



# Carving Sets

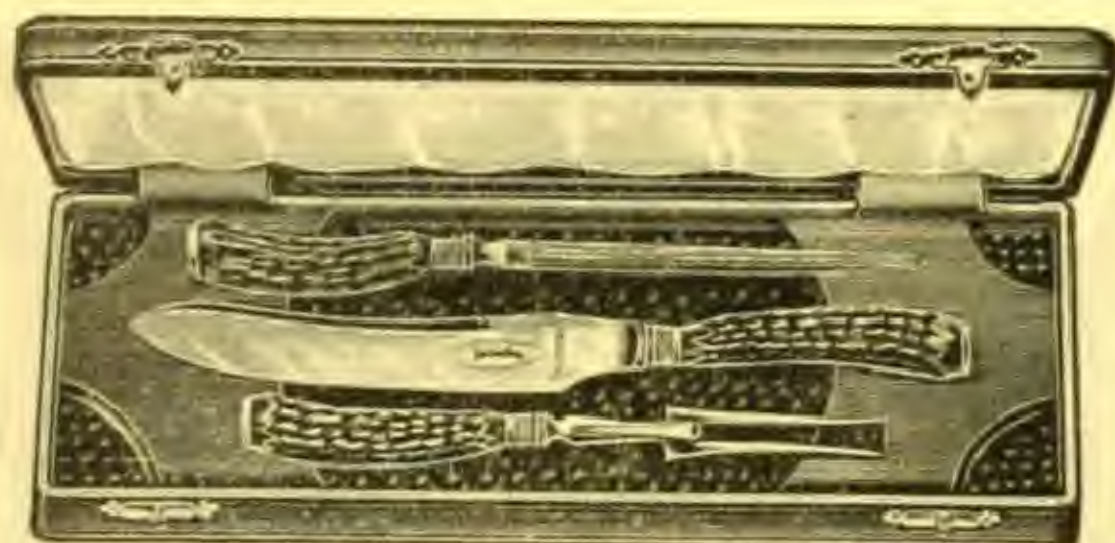
IN CASES



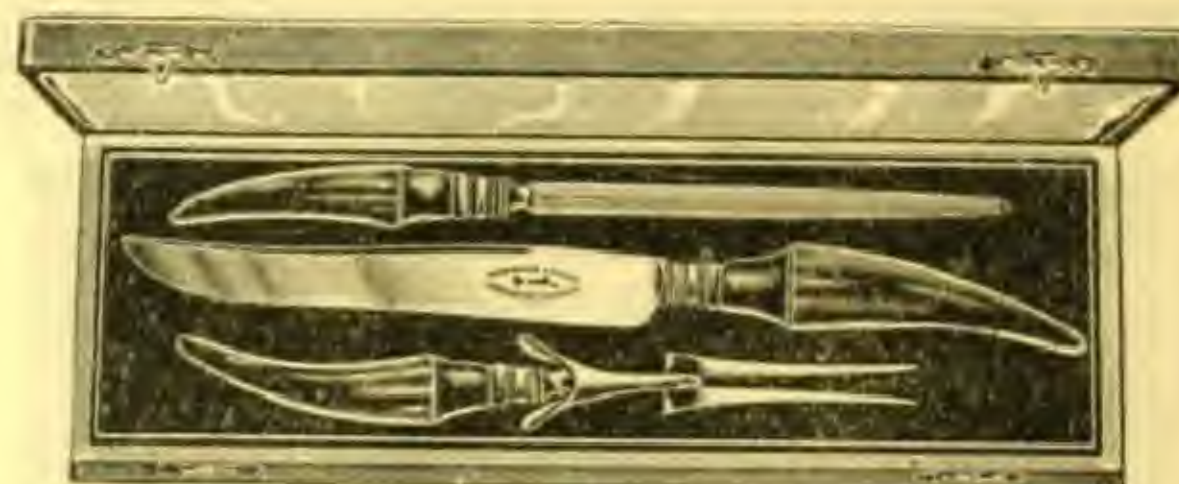
No. 856 C. S.—Three piece; imitation stag handles with steel cap; Sheffield steel blades; swaged back; length of blade 9 inches; leatherette covered case with silk and plush lining; weight per set  $2\frac{1}{4}$  lbs. Per set.....\$9.00



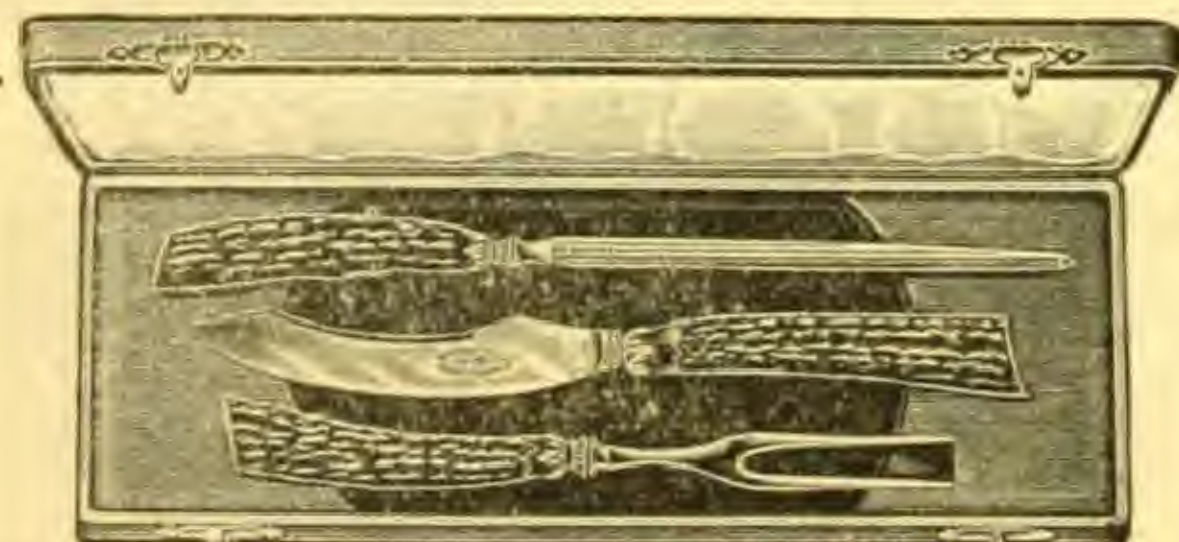
No. 726—Three piece; stag handles; ornamental ferrules; plated caps and ferrules; best quality Sheffield steel blades; swaged back; length of blade 9 inches; leatherette covered case with silk and plush lining; weight per set  $2\frac{1}{4}$  lbs. Per set.....\$11.00



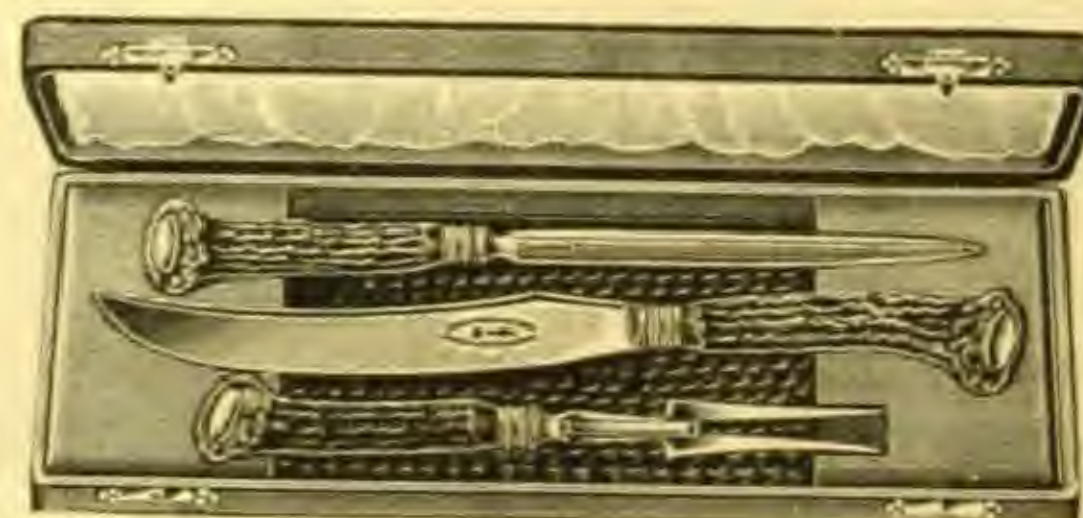
No. 1207—Three piece; stag handles; plated ferrules and caps; fine quality Sheffield Stainless steel blades; swaged back; length of blade 9 inches; fancy blocked case; plush lined; leatherette covered; weight per set 2 lbs. Per set.....\$16.50



No. 858—Three piece; horn handles; plated ferrules; finest grade hand forged blades; length of blade 9 inches; swaged back; leatherette covered case with silk and plush linings; weight per set  $2\frac{1}{4}$  lbs. Per set.....\$9.50



No. 754—Three piece; stag handles; plated ferrules and caps; finest grade Sheffield blades; swaged back; game size; length of blade  $5\frac{1}{2}$  inches; leatherette covered case with silk and plush lining; weight per set 2 lbs. Per set.....\$11.50

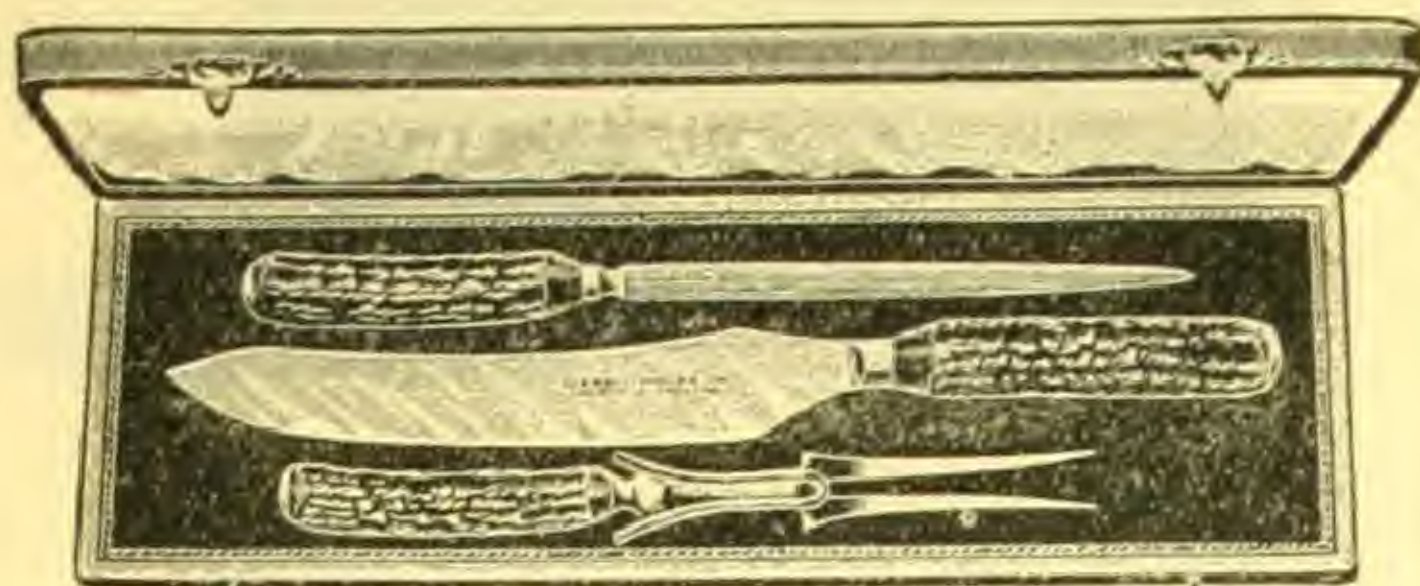


No. 862—Three piece; stag handles with swelled ends; silver plated ferrules and caps; finest quality Sheffield blades; swaged back; length of blade 9 inches; fancy blocked case; leatherette covered case with silk and plush lining; weight per set  $2\frac{1}{2}$  lbs. Per set \$14.00

Each case in a cardboard box.



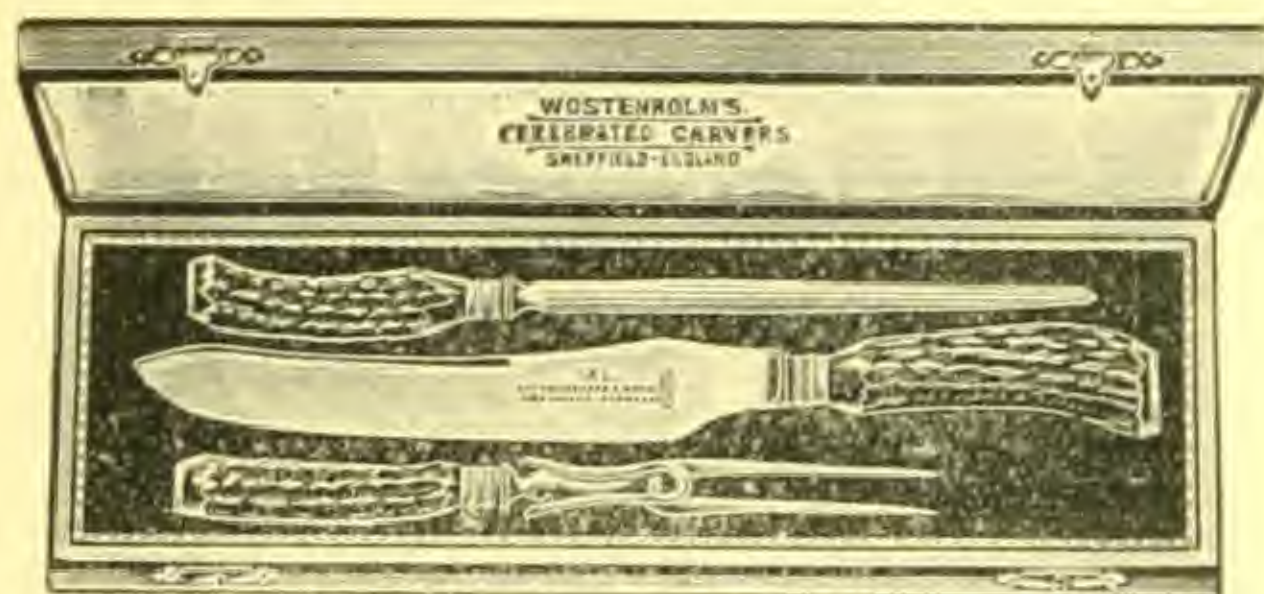
## Carving Sets in Cases



No. 5400.—Three piece; velvet lined; imitation morocco leather case; containing one pair meat carvers and steel; imitation stag handles; length of blade 8 inches; weight per set 2 lbs. Per set. \$ 9.00



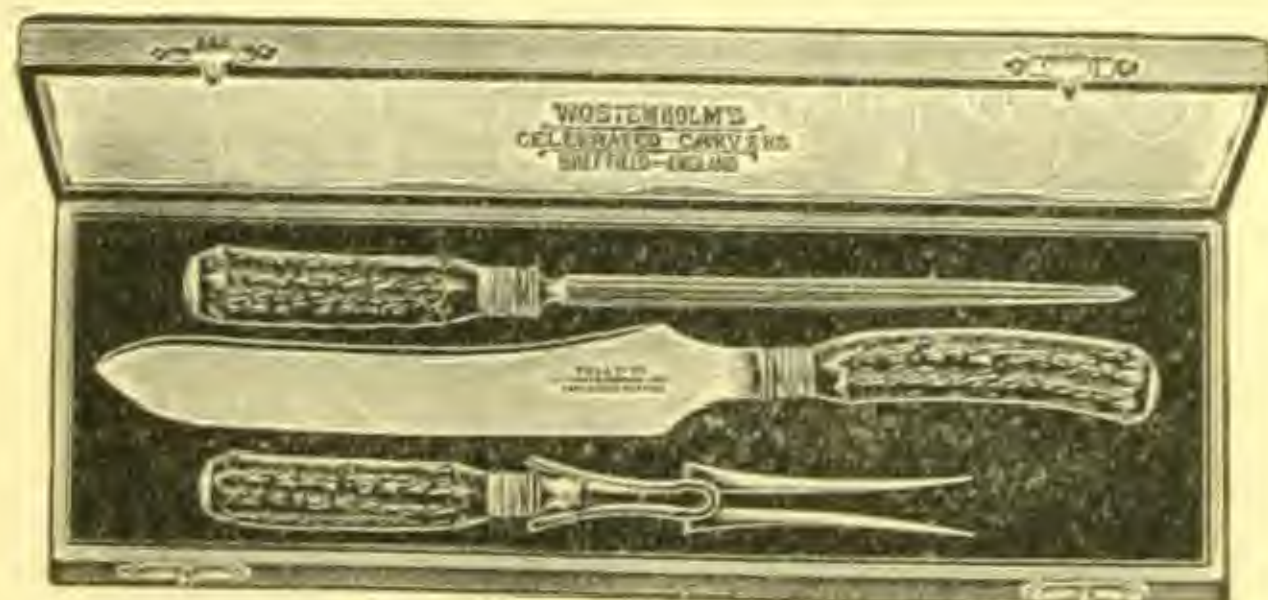
No. 3400.—Three piece; velvet lined; green imitation pig skin case; containing one pair meat carvers and steel; genuine stag handles; hand-forged sheared blade; length of blade 9 inches; weight per set 2 1/4 lbs. Per set. \$15.00



No. 5395.—Three piece; velvet lined; imitation morocco leather case containing one pair meat carvers and steel; imitation stag handles; electro-plated mounts; length of blade 9 inches; weight per set 2 lbs. Per set. \$10.50



No. 3575 A.—Three piece; best silk velvet and satin lined, imitation seal case, containing one pair meat carvers and steel, genuine stag handles, electro-plated mounts, hand-forged double-shear steel blades; length of blade 9 inches; weight per set 2 1/4 lbs. Per set. \$17.50



No. 4636.—Three piece; velvet lined; imitation morocco leather case; containing one pair meat carvers and steel (stainless steel knife and fork); genuine stag handles; electro-plated mounts; length of blade 9 inches; weight per set 2 1/2 lbs. Per set. \$23.00



No. 3766.—Three piece; plush and satin lined; imitation morocco leather case; containing one pair meat carvers and steel; genuine stag handles; electro-plated mounts; hand-forged double-shear steel blades; length of blade 9 inches; weight per set 2 1/4 lbs. Per set. \$19.00

Each case in a cardboard box



## Carving Sets in Cases



No. 5405.—Three piece; velvet lined; imitation morocco leather case; containing one pair meat carvers and steel; celluloid handles; length of blade 8 inches; weight per set 2 lbs. Per set.....\$10.00



No. 5477.—Three piece; velvet lined; imitation morocco leather case; containing one pair meat carvers and steel; celluloid handles; length of blade 9 inches; weight per set 2 lbs. Per set.....\$10.00



No. 5165 A.—Three piece; velvet lined; imitation morocco leather case; containing one pair meat carvers and steel; genuine stag handles; electro plated mounts; length of blade 9 inches; weight per set 2 lbs. Per set.....\$11.00



No. 3170 A.—Three piece; velvet lined; imitation morocco leather case; containing one pair meat carvers and steel; horn handles; electro plated mounts; length of blade 9 inches; weight per set 2 lbs. Per set.....\$10.50



No. 4657.—Three piece; velvet and satin lined; imitation morocco leather case; fancy block; containing one pair meat carvers and steel (stainless steel knife and fork); genuine stag handles; electro plated mounts; length of blade 9 inches; weight per set 2 1/4 lbs. Per set.....\$26.00



No. 5391.—Three piece; velvet lined; imitation morocco leather case; containing one pair meat carvers and steel; imitation stag handles; electro plated caps and mounts; length of blade 9 inches; weight per set 2 1/4 lbs. Per set.....\$15.00

Each case in a cardboard box.

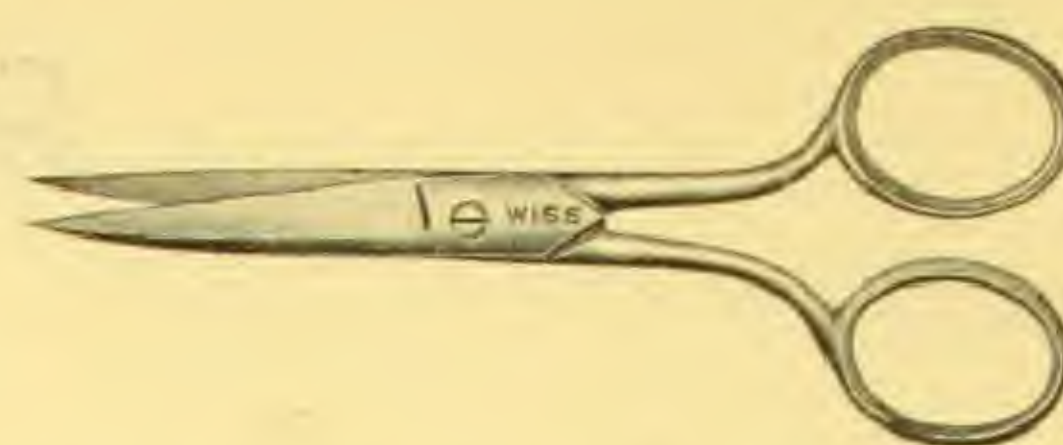


## Wiss Scissors



Ladies; flat pattern; solid steel; ring handles; full nickel plated finish.

Number	154½	155	155½	156	156½
Full length, inches	4½	5	5½	6	6½
Length of cut, inches	2	2¼	2½	2¾	3
Weight per dozen, lbs.	1	1¼	1½	1¾	2
Per dozen	\$20.00	21.30	22.00	23.00	25.00



Ladies; oval pattern; ring handles; solid steel; sharp points; full nickel finish.

Number	763	763½	764	764½	765	765½	766
Full length, inches	3	3½	4	4½	5	5½	6
Length of cut, inches	1	1¼	1½	1¾	2	2¼	2½
Weight per dozen, lbs.	½	¾	1	1¼	1½	1¾	2
Per dozen	\$20.00	20.00	21.00	22.00	23.00	24.00	25.00



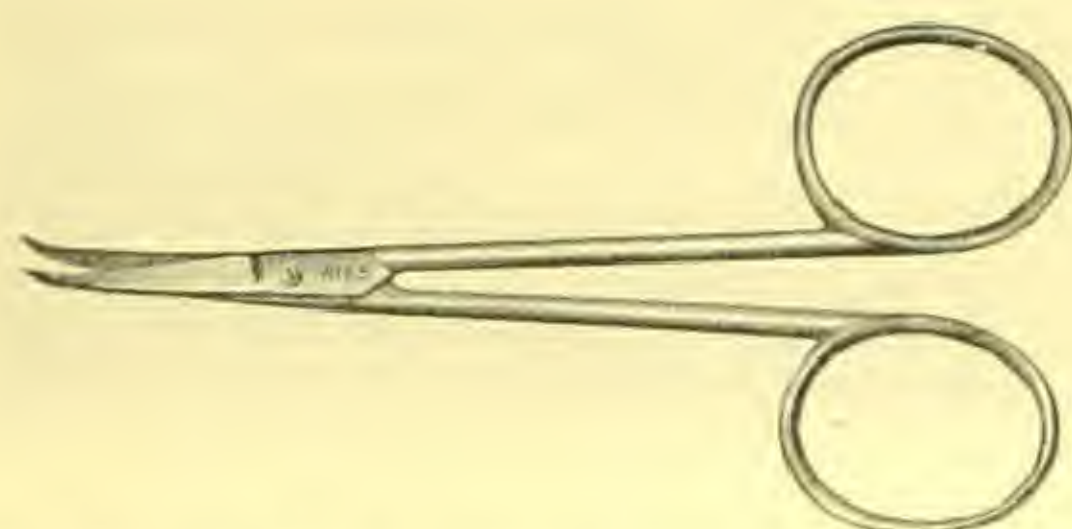
Pocket; light pattern; ring handles; solid steel; full nickel plated; crocus finish.

Number	463	463½	464
Full length, inches	3	3½	4
Length of cut, inches	¾	1¼	1½
Weight per dozen, lbs.	¾	¾	¾
Per dozen	\$20.00	21.00	22.00



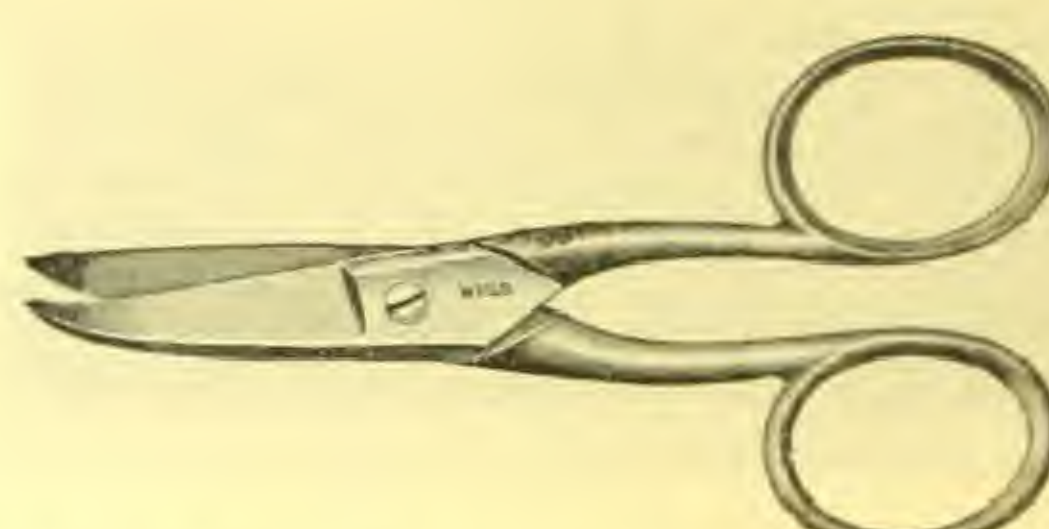
Pocket; regular pattern; ring handles; solid steel; full nickel plated.

Number	164	164½	165
Full length, inches	4	4½	5
Length of cut, inches	1¾	2	2¼
Weight per dozen, lbs.	1	1¼	1½
Per dozen	\$20.00	21.00	22.00



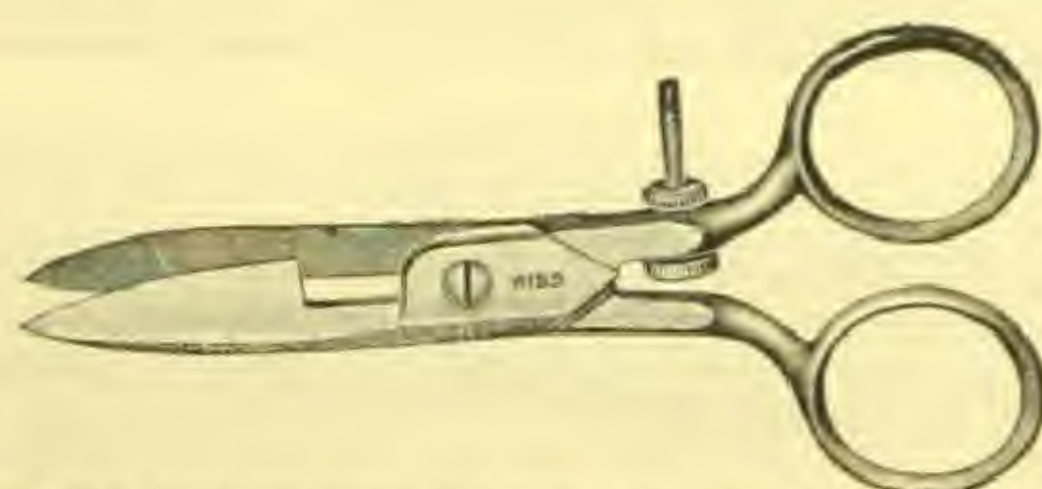
Manicure or Cuticle; curved blades; solid steel; nickel plated; extra fine finish.

Number	573	573½
Full length, inches	3	3½
Weight per dozen, lbs.	¾	¾
Per dozen	\$25.00	27.00



Nail; curved blades; ring handles; solid steel; full nickel plated.

Number	663	663½
Full length, inches	3	3½
Weight per dozen, lbs.	¾	¾
Per dozen	\$21.00	22.00



No. 14—Buttonhole; with set screw and lock nut; solid steel; full nickel finish; length 4½ inches; weight per dozen 1¼ lb.

Per dozen	\$30.00
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No. D5½—Bandage; bent blades; blunt points; solid steel; full nickel plated; full length 5½ inches; length of cut 1¼ inch; weight per dozen 1¾ lb.

Per dozen	\$32.00
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Wiss Shear Tray; a convenient and compact container with plush top to display seven sizes of trimmers as illustrated; the box below contains a half dozen of each size for convenience in selling; can be used inside of silent salesmen or on top of a counter to advantage.

Each (without contents)	\$3.00
-------------------------	--------

Tailors "N" grade of steel  
Number  
Full length, inches  
Length of cut, inches  
Weight per dozen, lbs.  
Per pair

Wiss Straight T  
evenly tempered  
below. Fully

Monarch Straight

Number, Jap.  
Number, N. P.  
Full length, inches  
Length of cut, inches  
Weight per dozen, lbs.  
Wiss Jap'd.  
Wiss N. P.  
Monarch Jap.  
Monarch N. P.

Barbers shears:  
tempered, full  
Number Jap'd  
Number N. P.  
Full length, inches  
Length of cut, inches  
Weight per dozen, lbs.  
Japanned, per  
Nickel plated,

Paper hangers w  
handles  
Number  
Full length, inches  
Length of cut, inches  
Weight per dozen  
Per dozen



# Wiss Shears and Trimmers



Tailors; "N" pattern; bent; japanned handles; polished blades; forged from best grade of steel; carefully tempered.

Number	3N	4N	4½N
Full length, inches	12	12½	13
Length of cut, inches	6½	6½	6½
Weight per pair, lbs.	1½	1½	1½
Per pair	\$11.70	14.70	17.00



Tailors; light pattern; bent; japanned handle; polished blades; steelforged; fitted with steel screw and nut.

Number	2 I. S.	3 I. S.
Full length, inches	10½	11½
Length of cut, ins.	5	5½
Weight per pair, lbs.	1	1½
Per pair	\$6.70	7.50



Wiss Straight Trimmers; household or dressmakers shear; finest grade of steel; evenly tempered; full nickel finish or nickel blades with japanned handles as below. Fully guaranteed.

Monarch Straight Trimmers; similar design to above but not guaranteed quality.

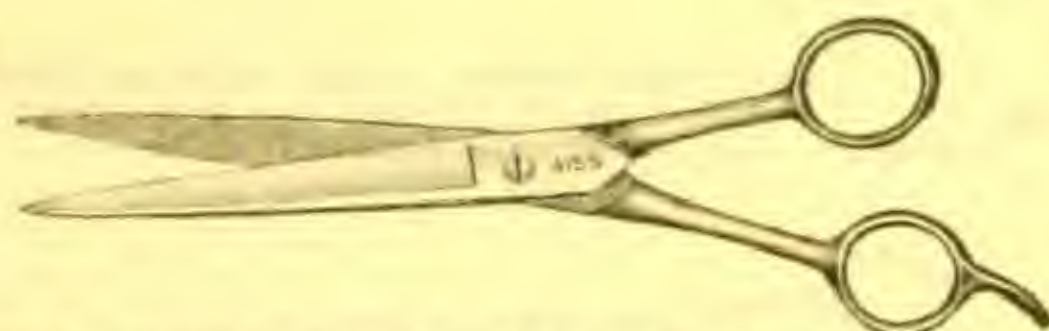
Number, Jap'd	36	36½	37	37½	38	38½	39	40
Number, N. P.	136	136½	137	137½	138	138½	139	140
Full length, inches	6	6½	7	7½	8	8½	9	10
Length of cut, inches	2½	2½	3½	3½	3½	4	4½	5
Weight per dozen, lbs.	2	2½	2½	3½	4½	4½	5½	8½
Wiss Jap'd Per dozen	\$23.00	24.60	25.80	27.30	28.80	30.40	36.00	44.60
Wiss N. P. Per dozen	\$27.00	29.20	31.10	32.50	34.20	36.00	42.80	52.90
Monarch Jap'd Per dozen	\$17.30	18.50	19.30	20.50	21.60	22.80	27.00	
Monarch N. P. Per dozen	\$20.30	21.90	23.30	24.40	25.70	27.00	32.10	



Wiss Bent Trimmers; for dressmakers or household use; extra quality; steelforged; uniform finish and temper; full nickel plated on nickel blades with japanned handles as below. Fully guaranteed.

Monarch Bent Trimmers; similar design to above but not guaranteed quality.

Number, Jap'd	26	26½	27	27½	28	28½	29	30
Number, N. P.	126	126½	127	127½	128	128½	129	130
Full length, inches	6	6½	7	7½	8	8½	9	10
Length cut, inches	2½	2½	3½	3½	3½	4	4½	5
Weight per dozen, lbs.	2	2½	3	3½	4½	4½	6	9
Wiss Jap'd Per dozen	\$24.70	25.80	27.30	28.80	30.30	31.30	40	48.50
Wiss N. P. Per dozen	\$29.30	30.80	36.50	34.30	36.00	40.90	48.10	58.10



Barbers shears; American pattern; forged from finest crucible steel; scientifically tempered; finish as follows.

Number Jap'd	47	47½	48
Number N. P.	147	147½	148
Full length, inches	7	7½	8
Length of cut, inches	3½	3½	3½
Weight per dozen, lbs.	1½	2	2½
Japanned, per dozen	\$25.80	27.30	29.30
Nickel plated, per dozen	\$30.80	30.50	34.20



Barbers shears; french pattern; solid steel; nickel plated handles; polished blades; finest quality.

Number	447	447½	448
Full length, inches	7	7½	8
Length of cut, inches	2½	3½	3½
Weight per dozen, lbs.	1½	2	2½
Per dozen	\$35.10	37.40	39.70



Paper hangers or Bankers shears; steelforged; nickel plated blades; japanned handles.

Number	80	82	84
Full length, inches	10	12	14
Length of cut, inches	5½	7½	9
Weight per dozen, lbs.	4½	7½	10
Per dozen	\$14.60	54.30	68.90



No. 01—Fetlock shears; for trimming horses fetlocks, etc.; polished curved blades; japanned handles; steelforged; full length 9 inches; length of cut 4 inches; weight per dozen 6 lbs.

Per dozen	\$52.60
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One half dozen in a box.



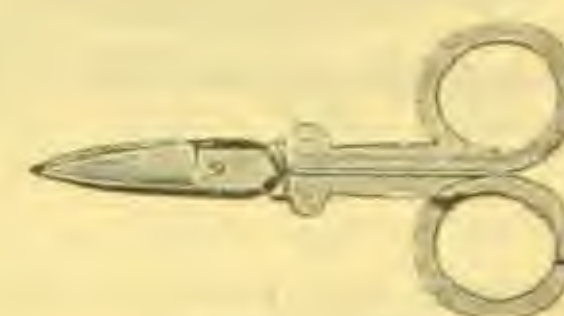
## Scissors and Shears



No. 1765N.—Dorwal bent nail scissors; best steel; nicked finish; length  $3\frac{1}{2}$  inches. Per dozen \$12.00



No. 1592N.—Dorwal bent manicure scissors; best steel; nicked finish; length  $3\frac{1}{2}$  inches. Per dozen \$7.50



No. 5644.—Dorwal folding pocket scissors; nail file on blade; nicked finish; length 4 inches. Per dozen \$8.00



No. 28.—Boker electricians' scissors; finest steel; file edge; nickel plated; etched "Radium"; length 5 inches. Per dozen \$26.00



No. 1892R.—Dorwal button hole scissors; best steel; nicked finish; centre adjusting screw; length  $4\frac{1}{4}$  inches. Per dozen \$12.50



Boker pocket scissors; best grade steel; nickel plated; bevelled bows.  
No. 221P.—4 inch. Per dozen \$12.50  
No. 221P.— $4\frac{1}{2}$  inch. Per dozen \$13.50



No. 00628 1/2.—Cook pocket scissors; nickel plated; fine steel; length 4 inches. Per dozen \$5.80



No. 1628R.—Dorwal pocket scissors; best steel; nickel plated; length 4 inches. Per dozen \$8.40



No. 973P.—Boker pocket scissors; finest steel; nickel plated; bevelled two finger bows; length  $4\frac{1}{2}$  inches. Per dozen \$16.80



No. 00528.—Cook lace scissors; nickel plated; oval pattern; length  $3\frac{1}{2}$  inches. Per dozen \$4.20



No. 1528R.—Dorwal lace scissors; best steel; nickel plated; length  $3\frac{1}{2}$  inches. Per dozen \$7.50



No. 1534R.—Dorwal lace scissors; best steel; gilt bows; length  $3\frac{1}{2}$  inches. Per dozen \$10.00



No. 705L.—Boker lace scissors; finest steel; nickel plated; length  $3\frac{1}{2}$  inches. Per dozen \$11.00



No. 591L.—Boker lace scissors; finest steel; fancy pattern; gilt bows; etched "Novo"; length  $3\frac{1}{2}$  inches. Per dozen \$19.00



No. 2590.—Dorwal lace scissors; stork pattern; gilt finish; length 4 inches. Per dozen \$13.00



# Scissors and Shears



No. 1128R.—Dorwal ladies' scissors; fine steel; nickel plated finish.

Length, inches	4½	5	5½	6	6½
Per dozen	\$ 8.30	8.70	9.60	10.60	12.00



No. 221.—Boker ladies' scissors; best steel; nickel plated; bevelled bows.

Length, inches	4½	5	5½	6	6½
Per dozen	\$13.50	14.00	16.00	16.70	18.50



No. 5026A.N.—Cook trimmers; nickel plated blades; japanned bows; good quality.

Length, inches	6	7	8
Per dozen	\$ 8.30	9.20	11.00



No. 5032A.N.—Dorwal trimmers; best steel; nickel plated blades; japanned handles.

Length, inches	6	7	8
Per dozen	\$13.80	15.20	16.00



No. 973.—Boker trimmers; best grade steel; nickel plated; half shear pattern.

Length, inches	6	7	8
Per dozen	\$20.00	25.50	32.00



No. 544.—Boker fetlock shears; best quality steel; bright polished; one blade has file edge so as to hold the hair; etched "Triplus"; length 6½ inches.

Per dozen	\$35.00
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No. 5220N.—Dorwal barbers' shear; best steel; nickel plated; German pattern; length 7½ inches.

Per dozen	\$25.50
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No. 5225N.—Dorwal barbers' shear; best steel; nickel plated; French pattern; length 7½ inches.

Per dozen	\$19.50
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# Knife Purses



No. 9452.—Grey suede leather; dome fastener; neat fitting; assorted lengths 3 to 4 inches.

Per dozen	\$ 4.50
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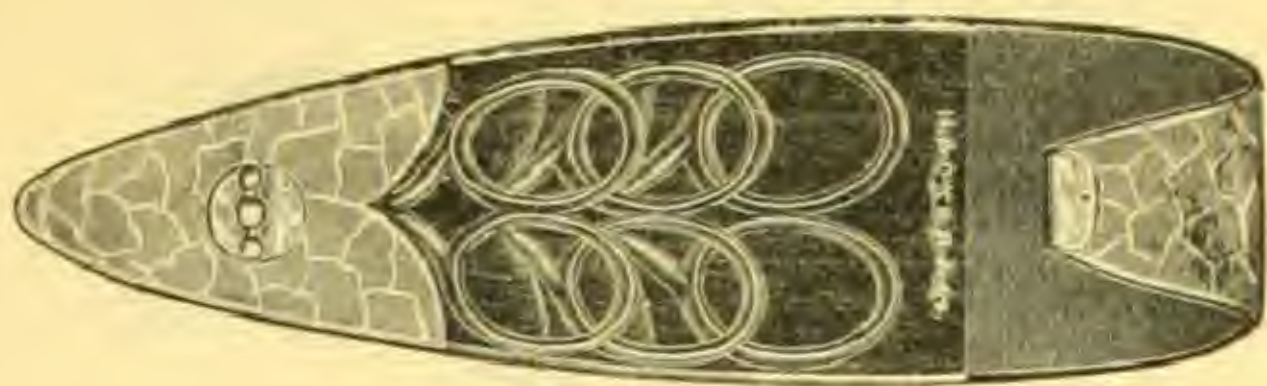
No. 9453.—Red kid leather; clasp fastener; assorted lengths, 3 to 4 inches.

Per dozen	\$ 4.50
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One dozen in a box.

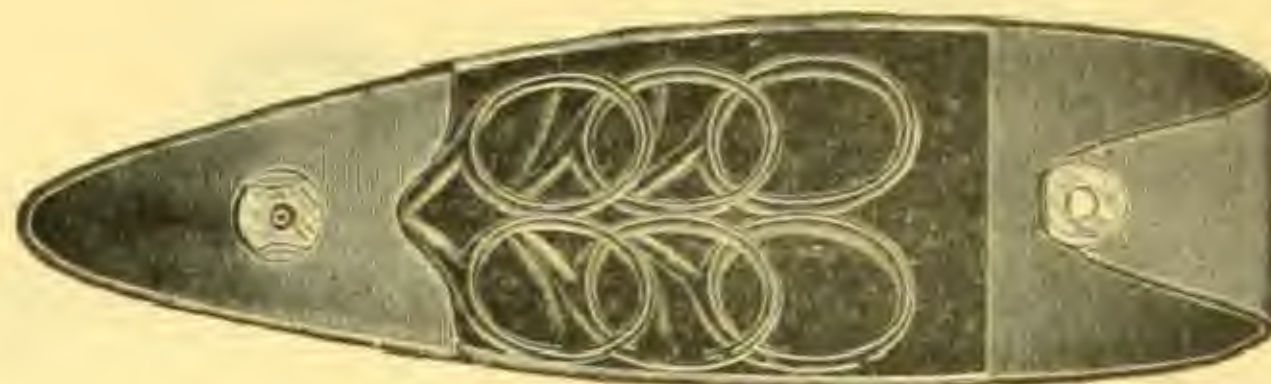


## Scissor Sets



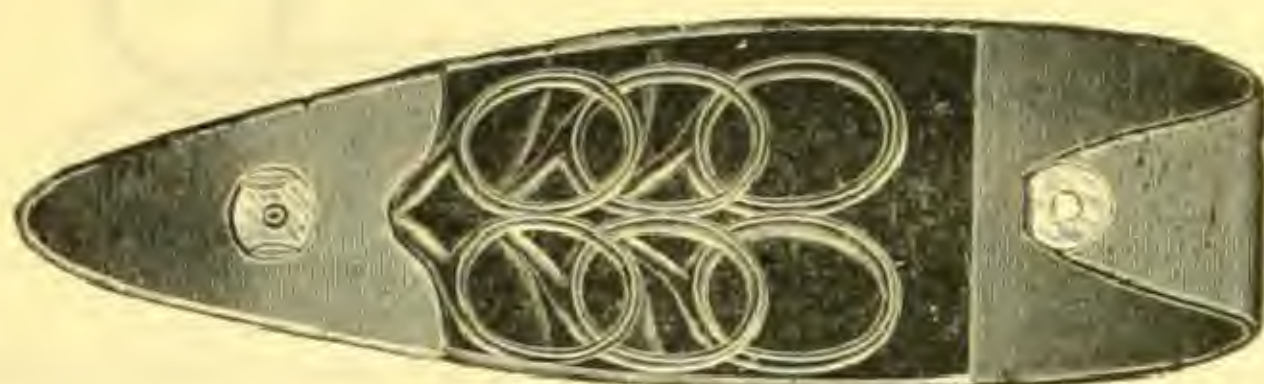
No. 8600.—3 piece Ladies set; nickel finish; plain pattern; imitation leather plush lined case; lengths  $3\frac{1}{2}$ ,  $4\frac{1}{2}$  and  $5\frac{1}{2}$  inches; fine quality; weight per set  $\frac{1}{4}$  lb. Per set

\$3.50



No. 8601.—3 piece Ladies set; gilt bows with nickel plated blades; plain pattern; black leather case; length of scissors  $3\frac{1}{2}$ ,  $4\frac{1}{2}$  and  $5\frac{1}{2}$  inches; plush lined case; fine quality; weight per set  $\frac{1}{4}$  lb. Per set

\$7.00



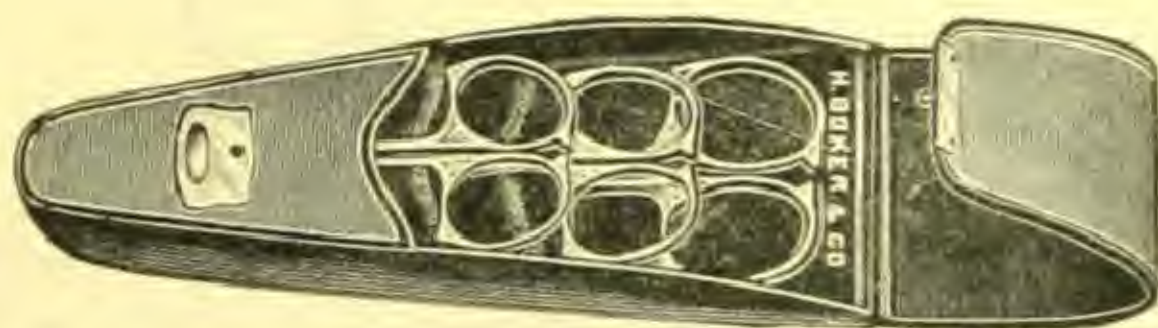
No. 8602.—3 piece Ladies set; nickel finish; plain pattern; imitation leather case; green color; plush lined; length of scissors  $3\frac{1}{2}$ ,  $4\frac{1}{2}$  and  $5\frac{1}{2}$  inches; high grade steel; weight per set  $\frac{1}{4}$  lb. Per set

\$5.00



No. 4632.—3 piece Ladies set; gold plated bows; fancy design; Boker make; purple leather case; plush lined; length of scissors  $3\frac{1}{2}$ ,  $4\frac{1}{2}$  and  $5\frac{1}{2}$  inches; weight per set  $\frac{1}{4}$  lb. Per set

\$9.00



No. 4627.—3 piece Ladies set; nickel finish; fancy design bows; Boker make; leather case; plush lined; length of scissors  $3\frac{1}{2}$ ,  $4\frac{1}{2}$  and  $5\frac{1}{2}$  inches; weight per set  $\frac{1}{4}$  lb. Per set

\$8.50

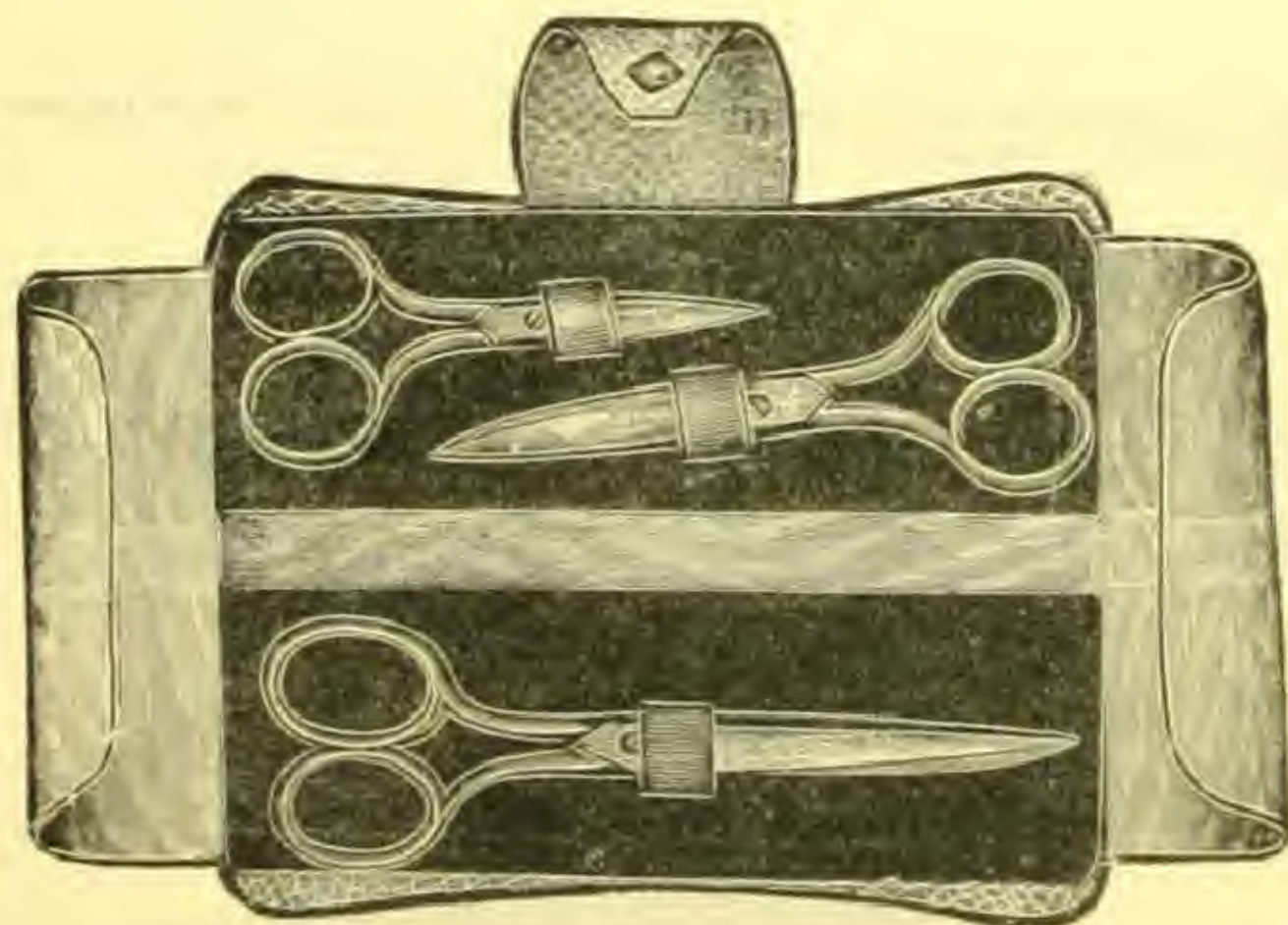


No. 4661.—2 piece desk set; nickel finish; plain design; Boker brand; red imitation leather sheath; length  $8\frac{1}{2}$  inches; weight  $\frac{1}{4}$  lb. Per set

\$3.20

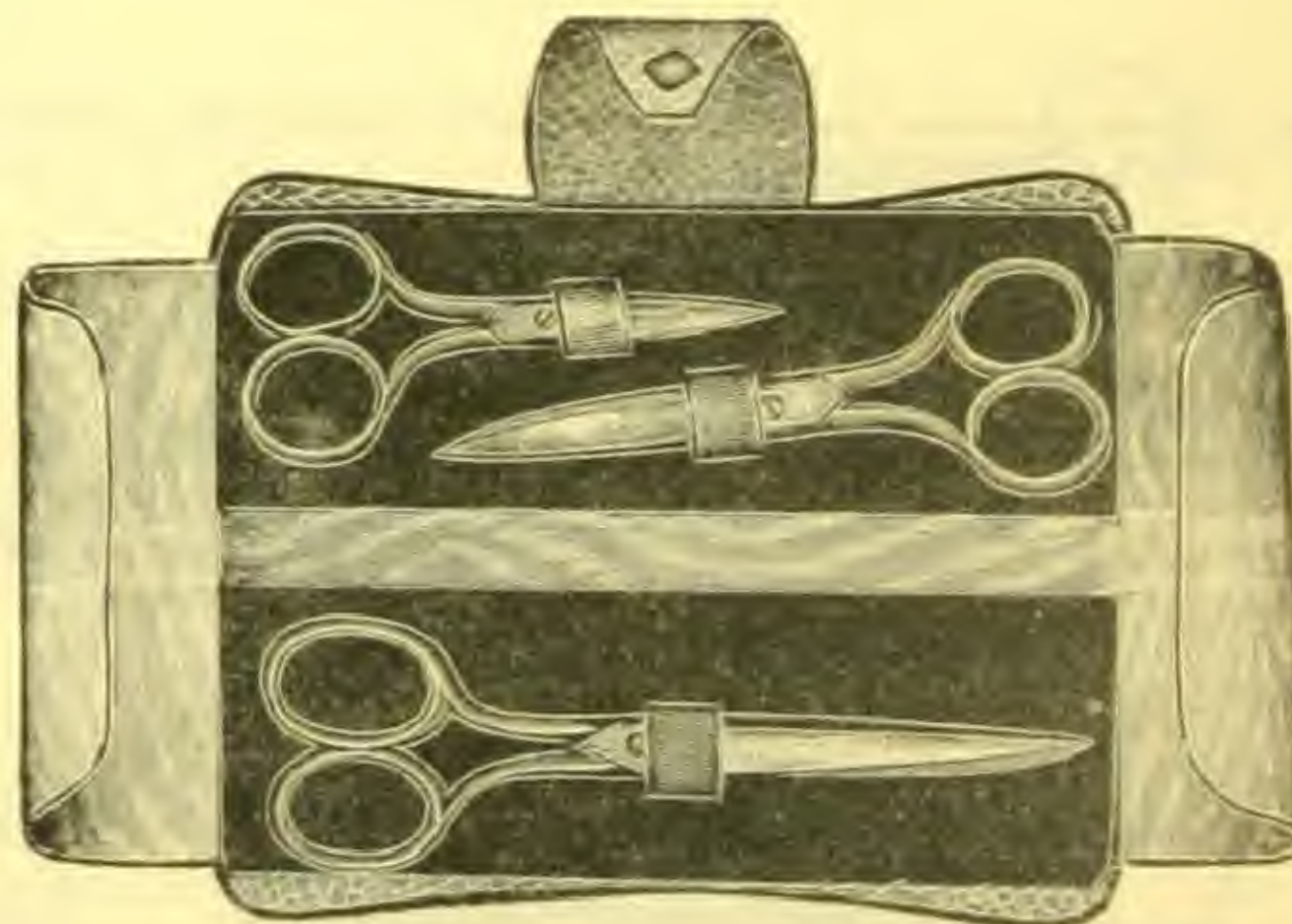
No. 4359.—2 piece desk set; gold plated handles; fancy design; Boker brand; fine quality and highly finished; red leather sheath; length 9 inches; weight  $\frac{3}{4}$  lb. Per set

\$4.00



No. 8606.—3 piece Ladies set; gilt bows; nickel blades; fine quality; black imitation leather case; silk lining; length of scissors  $3\frac{1}{2}$ ,  $4\frac{1}{2}$  and 5 inches; weight per set  $\frac{1}{4}$  lb. Per set

\$5.50



No. 4645.—3 piece Ladies set; gold plated fancy handles; nickel blades; Boker brand; imitation alligator case; silk lined; length of scissors  $3\frac{1}{2}$ ,  $4\frac{1}{2}$  and  $5\frac{1}{2}$  inches; weight per set  $\frac{1}{4}$  lb. Per set

\$6.50

One set in a box.

Nickel plated  
steady and in-  
tegrable figure;  
guaranteed; be-

Each

Nickel plated  
figures; please  
keeper; good  
inches; weight

Each

Dustproof brass  
not in oppo-  
belta securely

Each



# Clocks and Watches



**BIG BEN**

Nickel plated seamless brass case; fine tone alarm; steady and intermittent calls; white dial; large legible figures; handsome in appearance; fully guaranteed; height 7 inches; weight each 1 3/4 lb.

Each ..... \$6.40



**BABY BEN**

The same design; construction, and finish as Big Ben; only one half the size; plain white dial; height 3 1/2 inches; weight each 1 lb.

Each ..... \$6.40



**BIG BEN LUMINOUS**

Brass case; nickel plated and highly polished; black dial; luminous hands and dial marking easily seen in the dark; otherwise the same as Big Ben.

Each ..... \$8.40



**SLEEPMETER**

Nickel plated brass case; white dial; plain readable figures; pleasant tone alarm; dependable time keeper; good looking and well finished; height 5 inches; weight each 1 1/4 lb.

Each ..... \$4.20



**AMERICA**

Nickel finish case; top bell alarm; steady call; neat dial and hands; thirty two hour movement; height 6 1/4 inches; weight each 1 lb.

Each ..... \$2.80



**IRONCLAD**

Ornamental cast iron case; oxidized copper finish; mantel design; good timekeeper; height 5 inches; weight each 2 1/2 lbs.

Each ..... \$4.90



**PLAIN AUTO CLOCK**

Dustproof brass case; highly polished; nickel plated; neat in appearance; satisfactory time keeper; bolts securely to the dash; weight each 7 ounces.

Each ..... \$5.24



**LUMINOUS AUTO CLOCK**

Black dial; luminous hands and markings; easily read in the dark; otherwise the same as the plain dial clock to the left;

Each ..... \$7.00



**POCKET BEN WATCH**

Double back; dustproof case; nickel plated finish; finely adjusted movement; good timepiece; stem wind and set; weight each 2 1/2 ounces.

Plain dial	Each	\$2.80
Luminous dial	Each	\$4.80

All above one in a box, twelve in a package.



## Wostenholm Pocket Cutlery



No. 40.—One blade; black handle; iron lined; iron bolsters; glazed blades; length  $3\frac{1}{4}$  inches Per dozen.....\$11.00



No. 52.—One blade; black handle; iron lined; iron bolsters; glazed blades; length  $3\frac{1}{4}$  inches Per dozen.....\$13.00



No. 66.—One blade; black handle; iron lined; iron bolsters; glazed blades; length  $3\frac{1}{4}$  inches Per dozen.....\$14.50



No. 255 B.—One blade; black handle; iron lined; iron bolsters; glazed blades; length  $3\frac{1}{4}$  inches Per dozen.....\$13.50



No. 1587.—One blade; black handle with shield; fancy holster; eye in handle; iron lined; glazed blades; length  $4\frac{1}{2}$  inches Per dozen.....\$19.00



No. 1531.—One blade; stag handle; blade locks when open; fancy holster; glazed blade; clip style; iron lined; length  $4\frac{1}{2}$  inches Per dozen.....\$34.00



No. B 2.—Two blade; black handle; iron lined; iron bolsters; glazed blades; length  $3\frac{1}{4}$  inches Per dozen.....\$16.50



No. B 2 T.—One blade and trace borer; iron bolsters; iron lined; black handle; glazed blades; length  $3\frac{1}{4}$  inches Per dozen.....\$18.00



No. B 4.—Two blade; black handle; iron lined; nickel silver bolsters; glazed blades; length  $3\frac{1}{4}$  inches Per dozen.....\$17.00



No. B 9.—Two blade; black handle with shield; brass lined; nickel silver bolsters; glazed blades; length  $3\frac{1}{4}$  inches Per dozen.....\$21.50



No. 385 G.—Two blade; black handle with shield; brass lined; nickel silver bolsters; glazed blades; length  $3\frac{1}{4}$  inches Per dozen.....\$25.50



No. 1962 A.—Two blade; stag handle with shield; brass lined; nickel silver bolsters; glazed blades; length  $3\frac{1}{4}$  inches Per dozen.....\$31.00



No. 163.—One blade; pruner; cocoa handle; iron lined; iron bolsters; glazed blades; length  $3\frac{1}{4}$  inches; for tree and shrub pruning Per dozen.....\$20.00



No. B 155.—Three blade; stag handle with shield; brass lined; nickel silver bolsters; glazed blades; length  $3\frac{1}{4}$  inches Per dozen.....\$31.00



No. 15711 F.—Two blade with crown cap flipper and corkscrew; stag handle with shield; brass lined; nickel silver bolsters; length  $3\frac{1}{4}$  inches Per dozen.....\$42.00



No. 606.—Two blade; grey horn handle; brass lined; polished blades; length  $3\frac{1}{4}$  inches Per dozen.....\$17.50



No. 611 G. B.—Two blade; grey horn handle; brass lined; nickel silver bolsters; glazed blades; length  $3\frac{1}{4}$  inches Per dozen.....\$18.00  
One half dozen in a box



No. 611.—Two blade; stag handle; brass lined; nickel silver bolsters; length  $3\frac{1}{4}$  inches Per dozen.....\$16.50



# Wostenholm Pocket Cutlery



No. 605.—Two blade; xylonite handle; brass lined; polished blades; length 3¼ inches  
Per dozen ..... \$15 00



No. B 31.—Two blade; xylonite handle; brass lined; glazed blades; length 2¾ inches. Per dozen ..... \$15 00



No. B 47.—Two blade; xylonite handle; brass lined; glazed blades; length 3¼ inches. Per dozen ..... \$15.50



No. B 37 X.—Two blade; xylonite handle; brass lined; nickel silver bolsters; glazed blades; length 3 inches. Per dozen ..... \$16 50



No. B 46.—Two blade; xylonite handle; brass lined; nickel silver bolsters; glazed blades; length 3¼ inches. Per dozen ..... \$17 50



No. 1696.—Two blade; nickel silver handle; polished blades; length 3 inches. Per dozen ..... \$18 00



No. B 147.—Two blade; black handle; nickel silver bolsters; brass lined; glazed blades; length 3¼ inches. Per dozen ..... \$18 50



No. B 36½.—Two blade; stag handle; nickel silver bolsters; brass lined; glazed blades; length 3 inches. Per dozen ..... \$18 00



No. 607.—Two blade; pearl handle; brass lined; polished blades; length 3 inches. Per dozen ..... \$39 00



No. 1944.—Two blade; pearl handle; brass lined; polished blades; length 2¾ inches. Per dozen ..... \$32 00



No. 1944 B.—Two blade; pearl handle; brass lined; polished blades; length 2 inches. Per dozen ..... \$23 00



No. 1945.—Two blade; pearl handle; brass lined; polished blades; length 3 inches. Per dozen ..... \$39 00



No. 5820.—Two blade; pearl handle; nickel silver bolsters; brass lined; polished blades; length 2¼ inches. Per dozen ..... \$27 00



No. B 35.—Two blade; pearl handle; nickel silver bolsters and cross bar; brass lined; glazed blades; length 3 inches. Per dozen ..... \$25 00



No. B 52.—Two blade; pearl handle; nickel silver bolsters and cross bar; brass lined; glazed blades; length 3¼ inches. Per dozen ..... \$27.00



No. 1789.—Three blade; pearl handle; nickel silver tips and shield; brass lined; polished blades; length 3 inches. Per dozen ..... \$53 00



No. 16734.—Two blade; pearl handle; nail file; nickel silver shield; brass lined; polished blades; length 2¾ inches. Per dozen ..... \$72 00



No. 5643.—One blade, scissors and nail file; pearl handle; nickel silver shield; brass lined; polished blades; length 3¼ inches. Per dozen ..... \$88.00

One half dozen in a box.



## Crookes Pocket Cutlery



No. 213.—One blade; black handle; iron lined;  
nickel silver bolsters; glazed blade; length  
3 inches. Per dozen ..... \$8.50



No. 855.—One blade; black handle; iron lined;  
nickel silver bolsters  
3 1/4 inch Per dozen ..... \$9.00  
3 1/2 inch Per dozen ..... \$10.00  
3 3/4 inch Per dozen ..... \$10.50



No. 148.—One blade; dyed bone handle; iron  
lined; iron bolsters; glazed blades; length 5  
inches Per dozen ..... \$17.00



No. 149.—One blade; black handle; iron lined;  
nickel silver bolsters; glazed blade; length 4 1/4  
inches. Per dozen ..... \$14.50



No. 8552.—Two blade; black handle; iron  
lined; nickel bolsters  
3 1/4 inch Per dozen ..... \$14.00  
3 1/2 inch Per dozen ..... \$15.00  
3 3/4 inch Per dozen ..... \$16.00



No. 45.—Two blade; black handle; brass lined;  
nickel silver bolsters; glazed blades; length  
3 1/2 inches Per dozen ..... \$21.00



No. 143.—Two blade; black handle; with  
shield; brass lined; nickel silver bolsters;  
polished blades; length 3 1/2 inches Per dozen ..... \$19.50



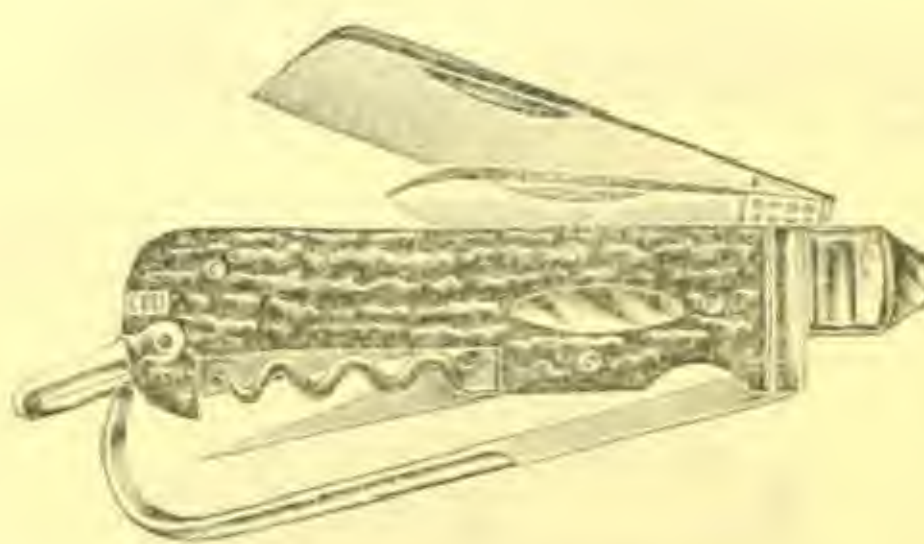
No. 16.—Two blade; grey bone handle; brass  
lined; nickel silver bolsters; polished blades;  
length 3 1/2 inches Per dozen ..... \$21.00



No. 157.—Two blade; black handle; with  
shield; brass lined; nickel silver bolsters;  
polished blades; length 3 inches Per dozen ..... \$17.00



No. 96.—One blade; stag handle; blade locks  
when open; iron lined; iron bolsters; glazed  
blade; length 4 1/2 inches. Per dozen ..... \$40.00



No. 187.—Combination; two blades; cork-  
screw; roamer; screw driver; cleaning hook;  
shackle; stag handle; glazed blades; length  
3 1/2 inches Per dozen ..... \$30.00



No. 271.—Two blade; black handle; with  
shield; brass lined; nickel silver bolsters;  
glazed blades; length 3 inches Per dozen ..... \$16.00



No. 980.—Two blade; stag handle; brass lined;  
nickel silver bolsters; polished blades; length  
3 1/4 inches Per dozen ..... \$16.00



No. 111.—Two blade; brass lined; nickel silver  
bolsters; polished blades; length 3 1/4 inches  
Grey Buffalo handle Per dozen ..... \$16.00  
Stag handle Per dozen ..... \$15.00



No. 87.—Two blade; grey buffalo handle; brass  
lined; nickel silver bolsters; polished blades;  
length 4 inches Per dozen ..... \$19.00

Half dozen in a box



## Crookes Pocket Cutlery



No. 659.—Two blade; cellophane handle; brass lined; polished blades; length 3 1/4 inches. Per dozen \$11.50



No. 615.—Two blade; nickel silver handle; easy opening blades; polished blades; length 3 inches. Per dozen \$16.00



No. 23.—Two blade; nickel silver handle; with shackle; polished blades; length 3 inches. Per dozen \$16.00



No. 380.—Two blade; grey buffalo handle; brass lined; glazed blades; length 3 1/4 inches. Per dozen \$12.50



No. 25.—Two blade; pearl handle; brass lined; polished blades; length 3 1/4 inches. Per dozen \$30.00



No. 99.—Two blade; pearl handle; nickel silver bolsters; brass lined; polished blades; length 2 3/4 inches. Per dozen \$27.00



No. 102.—Two blade; pearl handle; with cross bar; brass lined; nickel silver bolsters; polished blades; length 3 1/4 inches. Per dozen \$31.00



No. 26.—Two blade; pearl handle; with shield; nickel silver tips; brass lined; polished blades; length 3 inches. Per dozen \$34.00



No. 592.—Two blade; pearl handle; with shield; nickel silver bolsters; brass lined; polished blades; length 2 3/4 inches. Per dozen \$31.00



No. 391.—Four blade; pearl handle; nickel silver bolsters; brass lined; polished blades; length 3 1/2 inches. Per dozen \$46.00



No. 396.—Two blade; pearl handle; nickel silver bolsters and shield; brass lined; polished blades; length 3 inches. Per dozen \$33.00



No. 397.—Three blade; pearl handle; nickel silver bolsters and shield; brass lined; polished blades; length 3 inches. Per dozen \$40.00

Half dozen in a box.

## Boker Pocket Cutlery



No. 2458.—Two blade; pearl handle; nickel silver name plate and bolsters; brass lined; etched "Radium"; length 2 1/2 inches. Per dozen \$27.50



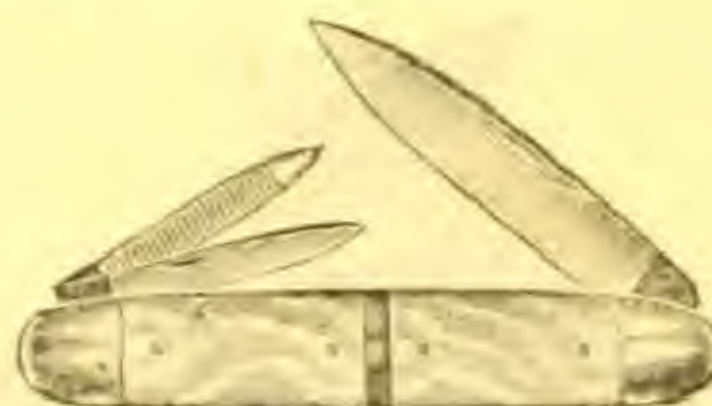
No. 1186.—Two blade; pearl handle; brass lined; nickel silver bolsters; length 2 1/4 inches. Per dozen \$23.00  
No. 2867.—Length 3 inches, otherwise as above. Per dozen \$29.00



No. 2076.—Two blade; pearl handle; fancy name plate; nickel silver bolsters; brass lined; length 3 1/4 inches. Per dozen \$42.00



No. 3513.—Two blade; pearl handle; nickel silver center band and bolsters; brass lined; length 3 1/4 inches. Per dozen \$34.00



No. 3525N.—Three blade; pearl handle; nickel silver center band and bolsters; brass lined; etched "Radium"; length 3 1/4 inches. Per dozen \$44.50

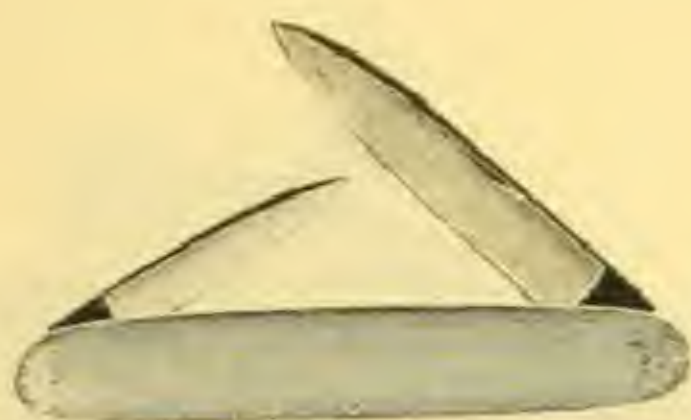


No. 3976.—Two blades and scissors; pearl handle; etched blade; brass lined; nickel silver bolsters; length 2 1/2 inches. Per dozen \$46.00

Half dozen in a box.



## Boker Pocket Cutlery



No. 1776.—Two blade; celluloid handle; steel lined; length  $3\frac{1}{4}$  inches. Per dozen \$9.40  
 No. 1777.—Ebony handle; otherwise as above. Per dozen \$8.80



No. 2899.—Two blade; imitation ivory handle; oval pattern; brass lined; etched blade; length 3 inches. Per dozen \$17.00  
 No. 3938.—Gun metal handle; otherwise as above. Per dozen \$17.00



No. 3709 1/2.—Two blade; nickel silver handle; thin model; etched "Radium"; with shackle; length 3 inches. Per dozen \$20.00  
 No. 3709.—Without shackle; otherwise as above. Per dozen \$19.00



No. 1065.—Two blade; bone handle; nickel silver bolsters; brass lined; length  $3\frac{1}{4}$  inches. Per dozen \$14.00



No. 1073.—Two blade; stag handle; nickel silver bolsters; brass lined; length  $3\frac{1}{4}$  inches. Per dozen \$14.00



No. 1243.—Two blade; ebony handle; oval pattern; nickel silver bolsters; brass lined; length  $3\frac{1}{4}$  inches. Per dozen \$20.80



No. 1548.—Two blade; imitation pearl; nickel silver name plate and bolsters; brass lined; length 3 inches. Per dozen \$19.80



No. 1385.—Two blade; ivory handle; nickel silver name plate and bolsters; brass lined; length  $2\frac{3}{4}$  inches. Per dozen \$16.80



No. 3499.—Two blade; black horn handle; nickel silver name plate and bolsters; brass lined; length  $3\frac{1}{2}$  inches. Per dozen \$18.70



No. 2098.—Two blade; stag handle; nickel silver name plate and bolsters; etched "Radium" brass lined; length  $3\frac{1}{4}$  inches. Per dozen \$24.00



No. 1012.—Two blade; curved handle; nickel silver shield and bolsters; etched "Radium"; brass lined; length  $3\frac{1}{2}$  inches. Per dozen \$20.00



No. 3527N.—Two blades and nail file; stag handle; brass lined; nickel silver shield and bolsters; etched "Radium"; length  $3\frac{3}{4}$  inches. Per dozen \$28.40



One blade; ebony handle; steel bolsters; steel lined.  
 No. 2200.—3 inch. Per dozen \$8.40  
 No. 2202.— $3\frac{1}{4}$  inch. Per dozen \$8.80  
 No. 2204.— $3\frac{1}{2}$  inch. Per dozen \$9.20



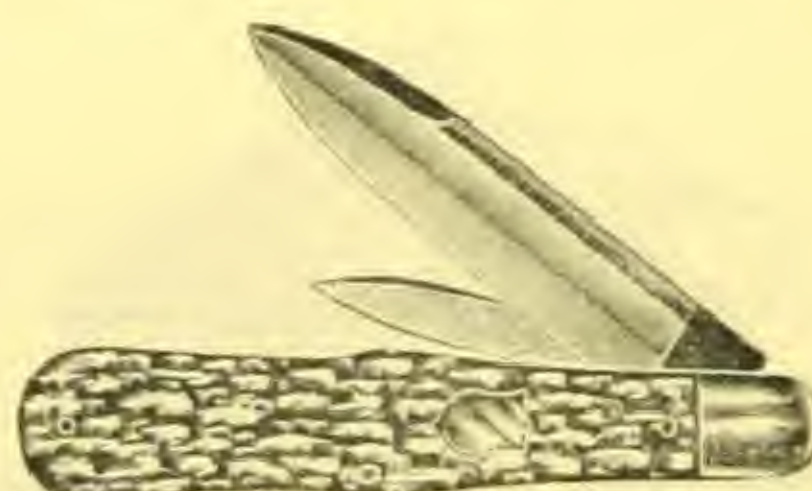
Two blade; ebony handle; steel bolsters; steel lined.  
 No. 2210.— $3\frac{1}{4}$  inch. Per dozen \$11.30  
 No. 2212.— $3\frac{1}{2}$  inch. Per dozen \$12.20  
 No. 2214.— $3\frac{3}{4}$  inch. Per dozen \$13.40



No. 2260.—Two blade; ebony handle; swelled pattern; steel bolsters; steel lined; length  $3\frac{1}{4}$  inches. Per dozen \$15.40



No. 2672.—Two blade; ebony handle; brass lined; nickel silver bolsters and name plate; etched "King Cutter"; length  $3\frac{1}{2}$  inches. Per dozen \$26.80



No. 3388.—Two blade; ebony handle; swelled centre; large blade bevelled; steel lined; steel bolsters; and shield; length  $3\frac{1}{4}$  inches. Per dozen \$23.30



No. 2804.—Two blade; ebony handle; brass lined; nickel silver bolsters and name plate; crocus finish blades; etched "King Cutter"; length  $3\frac{1}{4}$  inches. Per dozen \$24.00



# Dorwal Pocket Cutlery



No. 6060P.—Two blade; pearl handle; brass lined; ladies knife; length 2½ inches. Per dozen... \$19.00



No. 6296P.—Two blade; pearl handle; brass lined; nickel silver bolsters; length 2½ inches. Per dozen... \$14.50



No. 6404P.—Two blade; pearl handle; nickel silver centre band and bolsters; brass lined; length 3½ inches. Per dozen... \$21.00



No. 6372.—Two blade; black celluloid handle; brass lined; length 2¾ inches. Per dozen... \$7.20



No. 6263.—Two blade; celluloid handle; brass lined; length 3 inches. Per dozen... \$8.00

Half dozen in a box.



No. 6160W.B.—Two blade; bone handle; brass lined; nickel silver name plate and bolsters; length 3¼ inches. Per dozen... \$11.00  
No. 6160S.T.—Stag handle; otherwise as above. Per dozen... \$10.50



No. 6115.—One blade; ebonyized wood handle; steel bolsters; steel lined; length 3½ inches. Per dozen... \$4.80



No. 6002.—One blade; ebonyized wood handle; steel bolsters and name plate; length 3¾ inches. Per dozen... \$5.50



No. 6010.—One blade; ebonyized wood handle; steel bolsters and shield; steel lined; length 3½ inches. Per dozen... \$5.00



No. 5270.—One blade; ebonyized handle; steel lined; easy opener; shackle and chain; length 3½ inches. Per dozen... \$5.20



No. 6043.—Two blade; ebonyized wood handle; steel bolsters and shield; steel lined; length 3½ inches. Per dozen... \$7.30



No. 6158.—Two blade; ebonyized wood handle; swelled centre; steel lined; steel bolsters; length 3¾ inches. Per dozen... \$8.00



No. 6145.—Two blade; ebonyized wood handle; fancy name plate; round bolsters; steel lined; length 3½ inches. Per dozen... \$7.00



No. 6199.—Two blade; cocoa handle; double bolsters; name plate; steel lined; length 3½ inches. Per dozen... \$10.00



No. 6373.—Two blade; ebonyized wood handle; double bolsters; steel lined; length 3½ inches. Per dozen... \$11.00



## Rodger Pocket Cutlery



No. 420—One blade; black buff handle; iron lined; glazed blade; length 2½ inches. Per dozen \$10.40



No. 410—One blade; black buff handle; iron lined; glazed blade; length 3 inches. Per dozen \$11.90  
No. 411—length 3¼ inches. Per dozen \$12.70  
No. 412—length 3½ inches. Per dozen \$13.50



No. 510—One blade; cocoa handle; iron lined; glazed blade; length 3 inches. Per dozen \$11.10



No. 421—One blade; black buff handle; iron lined; glazed blade; length 3¼ inches. Per dozen \$13.80  
No. 422—length 3½ inches. Per dozen \$15.40  
No. 423—length 3¾ inches. Per dozen \$17.70



No. 431—One blade; black buff handle; iron lined; glazed blade; length 3¼ inches. Per dozen \$14.60  
No. 432—length 3½ inches. Per dozen \$15.40  
No. 433—length 3¾ inches. Per dozen \$16.10



No. 531—One blade; cocoa handle; iron lined; glazed blade; length 3¼ inches. Per dozen \$14.60  
No. 532—length 3½ inches. Per dozen \$15.40



No. 18287—One blade; black buff handle; iron lined; polished steel fancy holster; aluminum shield; glazed blade; length 3½ inches. Per dozen \$23.80



No. 4101—Two blade; black buff handle; iron lined; glazed blades; length 3½ inches. Per dozen \$20.00



No. 4201—Two blade; black buff handle; iron lined; glazed blades; length 3½ inches. Per dozen \$20.70  
No. 4202—length 3¼ inches. Per dozen \$23.10  
No. 4203—length 3¾ inches. Per dozen \$25.40



No. 21—Two blade penknife; grey buff handle; brass lined; polished blades; length 3¼ inches. Per dozen \$22.30



No. 36—Two blade penknife; ivory handle; brass lined; polished blades; length 3¼ inches. Per dozen \$22.30



No. 5301—Two blade; cocoa handle; iron lined; glazed blades; length 3¼ inches. Per dozen \$26.30  
No. 5302—Length 3½ inches. Per dozen \$27.80



No. 25630—Two blade penknife; pearl handle; brass lined; nickel silver bolsters and rivets; length 3 inches. Per dozen \$43.00



No. 23073—Three blade; pearl handle; brass lined; nickel silver bolsters; polished blades; length 3¼ inches. Per dozen \$57.00



No. 1774 9P—Two blade penknife; pearl handle; brass lined; polished blades; length 3¼ inches. Per dozen \$46.10

(Half dozen in a box.)



# Kastor Pocket Cutlery



No. 259.—Two blade; pearl handle; nickel silver lined; polished blades; length 3½ inch; equipped with shackle. Per dozen \$36.00



No. 262.—Two blade; pearl handle; brass lined; nickel silver bolsters; polished blades; length 3 inches. Per dozen \$12.00



No. 231.—Two blade; gun metal handle; polished blades one of which is a nail blade; length 3 inches. Per dozen \$13.00



No. 477.—Two blade and file; pearl handle; brass lined; full polished blades; nickel silver bolsters; length 2¾ inches. Per dozen \$30.00



No. 258.—Two blade; pearl handle; brass lined; nickel silver tips; full polished blades; length 2½ inches. Per dozen \$18.00



No. 476.—Two blade and file; pearl handle; nickel silver lining; polished blades; length 3½ inches. Per dozen \$48.00



No. 351.—Two blade and file; pearl handle; brass lined; nickel silver bolsters; polished blades; length 3 inches. Per dozen \$24.00



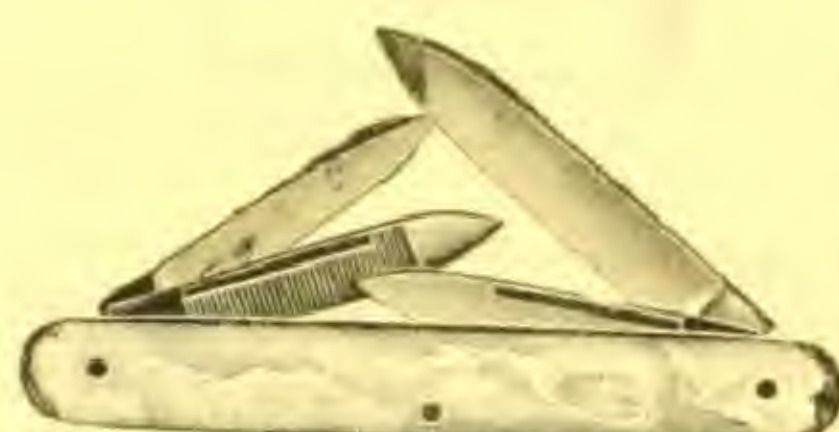
No. 353.—Two blade and file; pearl handle; brass lined; nickel silver tips; polished blades; length 3½ inches. Per dozen \$32.00



No. 475.—Two blade and nail file; pearl handle; nickel silver lining; full polished blades; length 3½ inches. Per dozen \$42.00



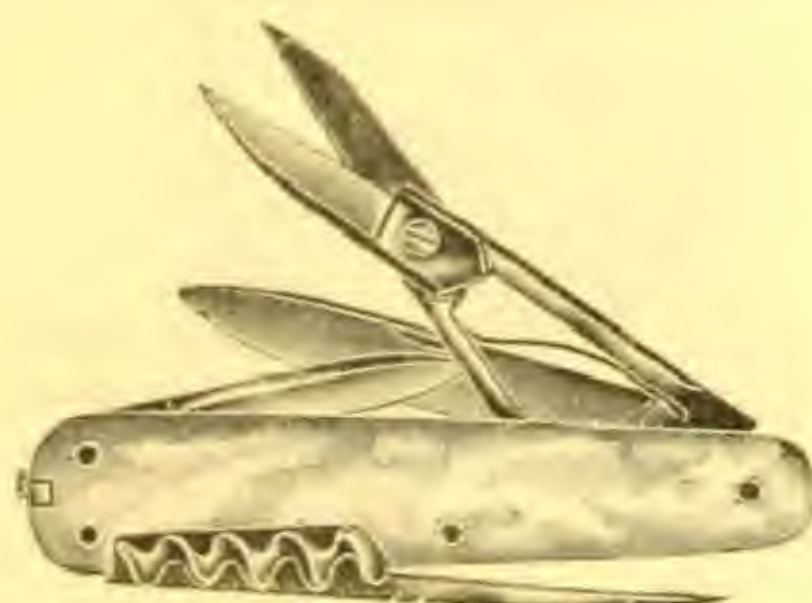
No. 453.—Three blade and file; pearl handle; nickel silver bolsters; brass lined; polished blades; size 3 inches. Per dozen \$26.00



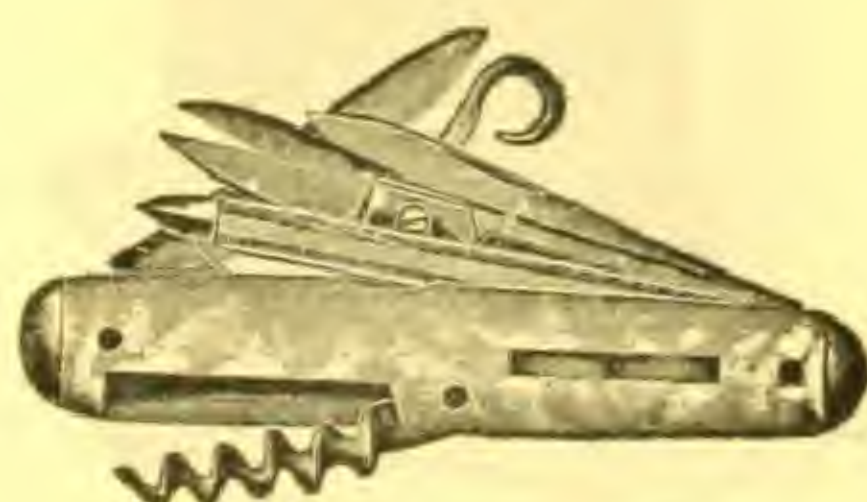
No. 451.—Three blade and file; pearl handle with pearl back; nickel silver lining; full polished blades; size 3 inches. Per dozen \$54.00



No. 501.—Two blade and scissor blade; pearl handle; brass lining; nickel silver bolsters; polished blades; size 3 inches. Per dozen \$30.00



No. 506.—Two blade with scissors, file and corkscrew; pearl handle; nickel silver lining; full polished blades; size 2½ inches. Per dozen \$84.00



No. 504.—Two blade with file, button hook, scissors, and corkscrew; pearl handle; nickel silver tips and shield; brass lined; full polished; size 2½ inches. Per dozen \$78.00



No. 466.—Three blade with scissors, reamer, corkscrew, pipe cleaner; tweezers and file, pearl handle; nickel silver lining; nickel silver shield; full polished blades; size 3½ inches. Per dozen \$144.00

Half dozen in a box.



## Safety Razors



No. 1—Black soft leather case; velvet lined; silver plated self stropping razor; selected leather strop; twelve blades; size of case  $4\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{2}$  inches.  
Mfr's List ..... Each \$5.00



No. 50—Plain nickel plated brass case; velvet lined; silver plated self stropping razor; twelve blades; special selected leather strop; size  $4\frac{1}{2} \times 1\frac{1}{2}$  inches.  
Mfr's List ..... Each \$5.00



No. 251—Embossed nickel plated case; velvet lined; silver plated self stropping razor; twelve blades; selected leather strop; size  $4\frac{1}{2} \times 1\frac{1}{2}$  inches.  
Mfr's List ..... Each \$5.00



No. 350—Plain top nickel finish case; flat style; velvet lined; silver plated self stropping razor; twelve blades; selected leather strop; metal blade box; size  $3\frac{3}{4} \times 3\frac{1}{4} \times \frac{3}{4}$  inches.  
Mfr's List ..... Each \$5.50



No. 15—Black leather case; velvet lined; silver plated self stropping razor; twelve blades; selected leather strop; collapsible shaving brush; stick of shaving soap in silver plated tube; size  $3\frac{3}{4} \times 4\frac{1}{4}$  inches.  
Mfr's List ..... Each \$7.50



No. 25—Black leather case; velvet lined; silver plated self stropping razor; twelve blades in metal blade box; specially prepared leather strop; fine quality shaving brush in silver plated tube; size  $5 \times 3\frac{3}{4}$  inches.  
Mfr's List ..... Each \$8.50



AUTOSTROP blades; for all styles of razors shown on this page; carefully manufactured, finished and tested; each blade in a waxed paper; six blades in a half package; twelve blades in a package.  
Mfr's List ..... Half package \$ .50  
Mfr's List ..... Full Package \$1.00  
DISCOUNT



MODEL 'C'—Black metal case; velvet lined; nickel plated self stropping razor; three blades; selected horsehide strop; a first class shaving device at a modest price.  
Mfr's List ..... Each \$1.00

## AUTOSTROP STROPS

Strops for Autostrop razors and combination sets are shown with our other razor strops, see index

Wood case, nickel plated safety double edged Mfr's List

Metal case, nickel lined; opening the tray contains triple silver plated blade box; Mfr's List

Genuine leather triple silver plated brush and blades Mfr's List

DISCOUNT





## Safety Razors



### RICHWOOD

Wood case, mahogany finish; triple silver plated *Gillette* safety razor; new improved style; twelve double edged blades; metal blade box.

Mfr's List ..... Each \$5.00



### BIG FELLOW

Selected gum wood case; natural finish; triple silver plated *Gillette* safety razor; new improved style; twelve double edged blades; metal blade box.

Mfr's List ..... Each \$5.00



### NEW STANDARD

Genuine leather covered case; purple velvet and satin lined; triple silver plated *Gillette* razor; new improved style; twelve double edged blades; metal blade box.

Mfr's List ..... Each \$5.00



### BOSTONIAN

Metal case, nickel finish; purple velvet and satin lined; opening of the cover automatically raises the tray containing the razor and blade box; triple silver plated *Gillette* razor; new style; metal blade box; twelve blades.

Mfr's List ..... Each \$5.50



### TUCKAWAY

Metal case; triple silver plated; purple velvet and satin lined; triple silver plated *Gillette* razor; new style; metal blade box; twelve blades.

Mfr's List ..... Each \$5.00

### TUCKAWAY "C"

Gold plated case; gold plated razor and gold plated blade box.

Mfr's List ..... Each \$6.00



### ARISTOCRAT

Imitation ivory case; purple velvet and satin lined; gold plated *Gillette* razor; new improved style; blade box to match case; twelve blades.

Mfr's List ..... Each \$6.00



### TRAVELLER

Genuine leather case; purple velvet and satin lined; triple silver plated *Gillette* new style razor; shaving brush and shaving soap in metal box; twelve blades.

Mfr's List ..... Each \$7.50

DISCOUNT .....



OLD TYPE  
Gillette Safety Razor

### BROWNIE

Imitation leather covered metal case; dull nickel finish old type *Gillette* safety razor; three blades in sealed packet.

Mfr's List ..... Each \$1.00



### GILLETTE BLADES

Highest grade hard tempered steel; double edged; waferlike blades; always ready for use; no honing or stropping required.

6's—6 Blades, Mfr's List per packet ..... \$ .50  
12's—12 blades, Mfr's List per packet ..... \$1.00  
Carton containing 20 packets of 6 ..... \$10.00  
Carton containing 10 packets of 12 ..... Each \$10.00



## Ever-ready Safety Razors



Touring

Nickel plated brass case; metal lock; red velvet and satin lining; nickel plated Ever-ready razor and two blade boxes; five blades; size  $3\frac{1}{2} \times 2 \times 1\frac{1}{4}$  inches; weight 3 ounces.

Each ..... \$2.20



Sport

Flat style; nickel plated metal case; engraved top; red velvet and satin lining; triple nicked Ever-ready razor and blade box; five blades; size  $3 \times 3 \times \frac{3}{4}$  inches; weight 7 ounces.

Each ..... \$2.20

## TOWN

Celluloid Case of the same style and size as sport.

Each ..... \$2.20



## STROPPER

Ever-ready stropping machine will sharpen practically all styles of safety razor blades; fine grade horsehide strap; nickel plated brass frame and handle; automatic in action; no skill required; no possibility of cutting the strap; detachable knurled handle; weight 5 ounces.

Each ..... \$2.20

## BLADES

Ever-ready blades are made from the finest grade of steel and ground by a new process which ensures smooth cutting edges and uniformity; wrapped in wax paper; one in an envelope.

Per package of six ..... \$0.64  
Per package of twelve ..... \$1.28

## Boker Razors



No. 9477—Edelweiss; finest quality hollow ground blade, reinforced and etched; ivory celluloid handle with blade support; weight per dozen  $1\frac{3}{4}$  lbs.  
 $\frac{5}{8}$  inch; Hone Point, (as illustrated). Per dozen \$72.00  
 $\frac{3}{4}$  inch; Round Point. Per dozen \$72.00



No. 9246—King Cutter; highest grade hollow ground blade, gold etched; black handle; weight per dozen  $1\frac{3}{4}$  lbs.  
 $\frac{5}{8}$  inch; Hone Point, (as illustrated). Per dozen \$60.00  
 $\frac{3}{4}$  inch; Round Point. Per dozen \$60.00



No. 9055—Ladium; reinforced hollow ground blade; fine quality; gold etching; black handle; weight per dozen  $1\frac{3}{4}$  lbs.  
 $\frac{5}{8}$  inch; Hone Point, (as illustrated). Per dozen \$45.00

One in a box; six in a carton.

## Wostenholm Razors



No. 2000—Peerless; best Sheffield steel blade; full concave; double shoulder; gold etched; imitation ivory handle with stop; weight per dozen  $1\frac{3}{4}$  lbs.  
 $\frac{1}{2}$  inch; Hone Point (as illustrated). Per doz \$44.00  
 $\frac{3}{4}$  inch; Round Point. Per dozen \$44.00  
 $\frac{3}{4}$  inch; Hone Point. Per doz \$44.00



No. 1000—Conqueror; best Sheffield steel blade; full concave; double shoulder; gold etched; black rubber handle; weight per dozen  $1\frac{3}{4}$  lbs.  
 $\frac{1}{2}$  inch; Hone Point, (as illustrated). Per doz \$40.00  
 $\frac{3}{4}$  inch; Round Point. Per doz \$40.00

One in a box; six in a carton.



No. 5001—Imperial; best Sheffield steel; hollow ground; double shoulder; gold etched; black rubber handle; weight per dozen  $1\frac{3}{4}$  lbs.  
 $\frac{1}{2}$  inch; Hone Point, (as illustrated). Per doz \$32.00



No. 5000—Canuck; best Sheffield steel; concave; double shoulder; gold etched; black rubber handle; weight per dozen  $1\frac{3}{4}$  lbs.  
 $\frac{1}{2}$  inch; Hone Point; (as illustrated). Per doz \$36.00

One in a box; six in a carton.



## Razor Strops



No. 1684—Combination;  $2\frac{1}{4}$  x 16 inches; horsehide leather with canvas back; shaped handle; double ring; length over all 21 inches; weight per dozen  $3\frac{1}{2}$  lbs.  
Per dozen ..... \$10.00

One dozen in a box.



No. 459—A splendid quality of horsehide. It has the single ring holder and embossed handle. Size,  $2\frac{1}{4}$  inches wide and 22 inches long. Weight per dozen  $3\frac{1}{2}$  lbs.  
Per dozen ..... \$21.00

Half dozen in box.



No. 457—Medium weight selected horsehide. The handle is plain and the holder is of the brass eyelet type. Size, 2 inches wide and 22 inches long. Weight per dozen 3 lbs.

Per dozen ..... \$21.00

Half dozen in box.



No. 436—Cut from medium weight genuine horsehide. The handle is of the plain type of russet embossed leather. The hardware is heavily nickel-plated. Size,  $2\frac{1}{4}$  inches wide and 26 inches long. Weight per dozen  $3\frac{3}{4}$  lbs.

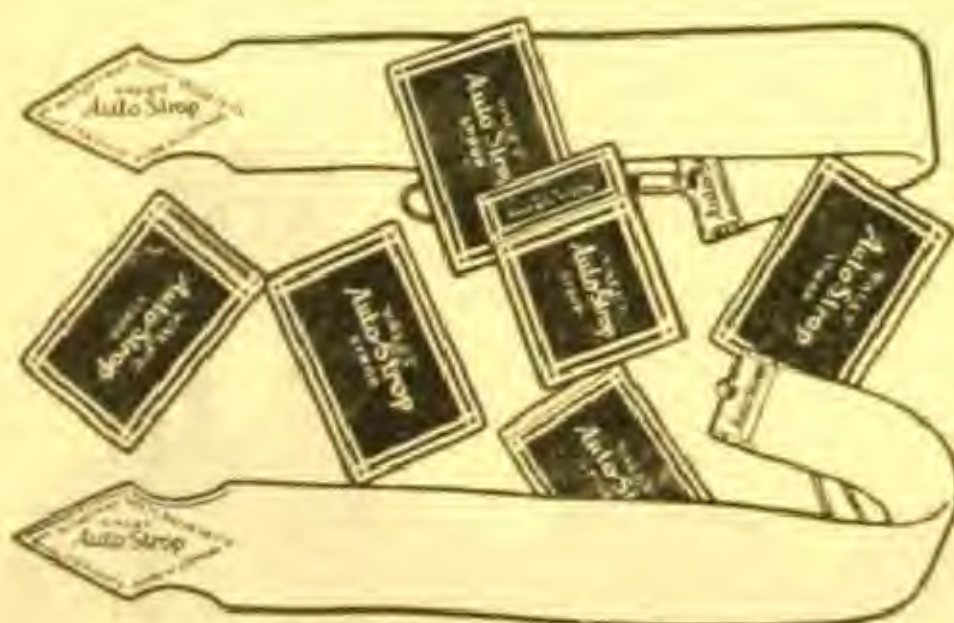
Per dozen ..... \$37.70



No. 451—Single strop of medium weight horsehide. Has the full cavalry style of hardware finished in brass. The sharpening side of the strop is corrugated and filled with Carborundum. Size  $2\frac{1}{4}$  inches wide and 22 inches long. Weight per dozen  $3\frac{1}{2}$  lbs.

Per dozen ..... \$29.40

Half dozen in box.



AUTOSTROP; specially treated; selected horsehide leather; suitable for all styles of autostrop razor sets.

Regular length ..... Per dozen \$ 9.00

Extra long ..... Per dozen \$18.00

Twelve individual packages in a carton.



No. 450—Combination strop, both of light weight genuine horsehide. Trimmed with red leather. Hardware of nickel-plated wire, figure eight pattern. Size 2 inches wide and 19 inches long. Weight per dozen  $3\frac{1}{4}$  lbs.

Per dozen ..... \$16.80

Half dozen in box.



No. 480—Combination; one a self-honing or sharpening strop, the smooth surface is treated with the finest of Carborundum powder which gives the blade a quick, clean edge, the other strop being a black, heavy genuine horsehide strop for finishing the edge. The hardware is of the single ring type, finished in black, cut handle. Size  $2\frac{1}{4}$  inches wide and 24 inches long. Weight per dozen  $4\frac{1}{4}$  lbs.

Per dozen ..... \$37.80

Half dozen in box.



No. 435—Combination; one strop is of light weight genuine horsehide, corrugated and filled with Carborundum powder. The other strop is specially treated canvas honing strop. They are fastened by a patent swivel clamp. The hardware is of the figure eight nickel wire pattern. Size,  $2\frac{1}{4}$  inches wide and 26 inches long. Weight per dozen  $4\frac{1}{2}$  lbs.

Per dozen ..... \$37.80

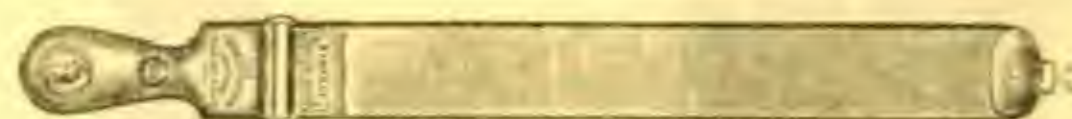
Half dozen in box.



No. 481—Combination; one side of heavy horsehide, specially treated for sharpening, the other of lighter weight horsehide for finishing. Size  $2\frac{1}{4}$  inches wide and 21 inches long. Weight per dozen 4 lbs.

Per dozen ..... \$42.00

Half dozen in box.



No. 479—Double strop, natural suede on the finishing side, black corrugated leather with Carborundum on sharpening side. Black leather, silver embossed handle and tip. Black enamel open hook hardware. Padded handle. Size,  $2\frac{1}{2}$  inches wide and 27 inches long. Weight per dozen  $4\frac{1}{4}$  lbs.

Per dozen ..... \$33.60

Half dozen in box.



## Razor Hones



Aloxite Razor Hone; absolutely uniform throughout; fast cutting; will produce a keen, smooth, velvet like edge quickly and easily; size 5 x 2 1/2 inches.

No. 200; Each..... \$1.70

One in a box



Carborundum Razor Hone; made of hand washed carborundum powder, uniform in quality; fast cutting; give a lasting, keen cutting edge.

Number	101	101A	103
Size, inches	6 x 2 x 3/4	5 x 2 x 1 1/2	4 x 2 x 1 1/2
Weight each, lbs.	3/4	3/8	3/8
Each	\$3.00	2.30	1.96

One in a box.

No. 106—Carborundum Dry Razor Hone; does not require water, lather or any preparation when honing; and produces a smooth edge; size 4 x 2 x 1/2 inches. Weight each 1/2 lb.

Each..... \$1.70

One in a box.



Pike Handihone; oval shape; fits the palm nicely; for barbers or private use; size 4 x 2 x 1/2 inches; weight each 3/4 lb.

Each..... \$ .70

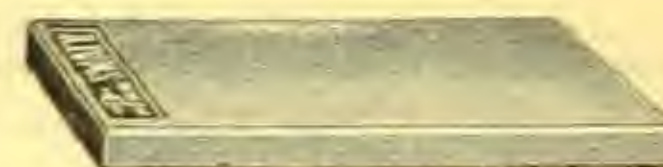
One in a box.



Pike Ezy Edge; a fine finishing hone for amateur or professional use; even grit; smooth edge; size 5 1/4 x 2 x 1/2 inches; weight each 1/2 lb.

Each..... \$1.00

One in a box.



Swaty; a popular hone for all purposes; can be used wet or dry; fast cutting even composition grit; size 5 x 2 x 1/2 inches; weight each 3/4 lb.

Each..... \$1.20

One in a box.

## Shaving Soap



Colgate's Barbers' Shaving Soap; produces a good lather; delicately perfumed; eight cakes in a pound package. Ten pounds in a case.

Per pound..... \$ 1.26

Per case..... \$12.00



Colgate's Shaving Cream; convenient and economical to use; put up in collapsible tubes; one half dozen tubes in a display box.

Per dozen..... \$7.00



Colgate's Handy Grip Shaving Stick; each stick has a nickel handy grip cap and nickel container; clean to use; one in a carton; six in a display container.

Per dozen..... \$7.00



Colgate's Refills for Handy Grip Shaving Tubes; large size stick; one in carton; six in a display container.

Per dozen..... \$5.00



Colgate's Rapid Shave Powder; nickel container with revolving top; convenient; sanitary; and economical to use; six in a display box.

Per dozen..... \$7.00



# Shaving Brushes



No. 160.—Grey mixed filler with imitation badger hair outside; black enamelled ferrule; white enamelled handle; length over all 5 inches. Per dozen.....\$ 6.00



No. 875.—Imitation badger hair filler; set in rubber; black celluloid ferrule; bone handle; length 4 1/4 inches. Per dozen.....\$11.20



No. 782.—White french bristle; set in rubber; black celluloid ferrule; enamelled handle; length 4 3/4 inches. Per dozen.....\$15.50



No. 642.—Grey mixed centre with imitation badger outside; set in rubber; black celluloid ferrule; white enamelled handle; length 4 1/4 inches. Per dozen.....\$16.50



No. 702.—Finest quality white french bristles; set in rubber; black celluloid ferrule; white enamelled handle; length 4 3/4 inches. Per dozen.....\$23.50  
No. 703.—Length 5 inches; same style and quality as No. 702. Per dozen.....\$30.00



No. F294.—Fine quality white bristle filler; set in rubber; black celluloid ferrule; boxwood handle;  
Size 2 length 5 inches. Per dozen.....\$14.70  
Size 3 length 5 1/4 inches. Per dozen.....\$18.70  
Size 4 length 5 1/2 inches. Per dozen.....\$24.00



No. 682.—Finest quality white french bristle middle with blended badger outside; white celluloid ferrule; white celluloid handle; bristles set in rubber; length 5 inches. Per dozen.....\$30.00



No. 562.—Mixed badger outside; mixed badgerized centre; set in rubber; black celluloid ferrule; white celluloid handle; length 5 inches. Per dozen.....\$27.00



No. 812.—Mixed badger middle; blended badger outside; set in rubber; white celluloid ferrule and handle; a fine quality brush; length 4 inches. Per dozen.....\$38.40



No. 21.—High grade bristle middle; badgerized outside; set in rubber; white celluloid container. Per dozen.....\$21.00  
No. 31.—Fine bristle middle; real badger hair outside; white celluloid handle; white celluloid container. Per dozen.....\$45.00

Half dozen in a box.



THE BRONZE AGE.



Fig. 1. — A bronze dagger, found at the site of the ancient city of Mycenae, in the Peloponnese, Greece.



Fig. 2. — A bronze sword, found at the site of the ancient city of Mycenae, in the Peloponnese, Greece.



Fig. 3. — A bronze sword, found at the site of the ancient city of Mycenae, in the Peloponnese, Greece.



Fig. 4. — A bronze sword, found at the site of the ancient city of Mycenae, in the Peloponnese, Greece.



Fig. 5. — A bronze sword, found at the site of the ancient city of Mycenae, in the Peloponnese, Greece.



Fig. 6. — A bronze sword, found at the site of the ancient city of Mycenae, in the Peloponnese, Greece.



# SPORTING SECTION





## QUEBEC GAME SEASON

**MOOSE**—In Counties north of St. Lawrence River, Sept. 10th to Jan. 1st.

**MOOSE**—In Counties south of St. Lawrence River, Sept. 20th to Jan. 1st.

**CARIBOU**—September 20th to January 1st.

**DEER**—September 1st to December 1st.

The **COW MOOSE** and the young up to the age of one year of Moose, Deer and Caribou are protected during the entire year.

**BEAR**—August 20th to July 1st.

**HARE**—October 15th to February 1st.

**FOX**—November 1st to March 1st.

**MUSKRAT**—March 15th to May 1st.

**MARTEN, MINK, FISHER, SKUNK, RACCOON, LYNX, etc.**—November 1st to April 1st.

**BEAVER, OTTER**—December 15th to April 1st.

**PLOVER, SNIPE, WOODCOCK**—September 1st to December 15th.

**SPRUCE PARTRIDGE, GOOSE, COOT and all WILD DUCK except WOOD DUCK and EIDER DUCK**—September 1st to December 1st.

**WILD SWAN, WOODCOCK, EIDER DUCK, CURLEW, SANDPIPER, AUKS, AUKLETS, BITTERNS, LOONS, FULMARS, CREBES, GUILLEMOTS, GULLS, HERONS, TERNS, etc.**—Also all insectivorous and other birds beneficial to agriculture, or taking or injuring their eggs or nests prohibited the entire year.

### COST OF HUNTING LICENSE

All persons not bona fide residents of the Province of Quebec and who are not members of any club duly incorporated in the Province.	\$25.00
Persons not bona fide residents of the Province of Quebec but who are active members of legally organized Fish and Game clubs therein or lessees of hunting territories.	\$10.00
Residents of the Province of Quebec, for one Moose.	\$1.00
Residents of the Province of Quebec, for two Caribou.	\$1.00
Residents of the Province of Quebec, for two Deer.	\$1.00

## QUEBEC FISHING SEASON

**SALMON**—May 1st to July 31st. Fly fishing May 2nd to August 15th.

**SEA TROUT**—December 1st to October 14th.

**OUANANICHE**—December 1st to September 30th.

**SPECKLED TROUT**—May 1st to September 30th—fishing through the ice is prohibited.

**GREY TROUT**—(Lake Trout)—December 2nd to October 14th.

**BASS**—June 16th to April 1st, none less than 9 inches long to be taken.

**EELS**—May be caught in weirs or mill dams, but not so as to deprive other weirs of a share in the run of eels. Not to be taken by spear or torch during October and November in any waters frequented by salmon or trout. Meshes of nets must not be less than an inch and an eight wide, and no fish under 30 inches long may be taken.

**DORE**—May 15th to April 14th. (15 inches in minimum length.)

**SMELTS**—July 2nd to March 31st.

**STURGEON**—July 1st to May 31st, no fish less than 36 inches to be taken.

**WHITEFISH**—December 1st to November 9th.

**MASKINONGE**—June 16th to April 14th, no fish under 24 inches to be taken.

### COST OF FISHING LICENSE

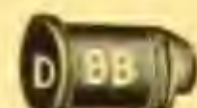
All persons who are not permanent residents of the Province of Quebec and who desire to fish therein must first procure a special permit for the purpose and are subject to the following tariff charges:

For Salmon fishing.	\$25.00
For all other kinds of fishing.	\$10.00
Members of clubs or lessees of fishing privileges.	\$5.00
Invited guests and honorary members of clubs have to pay the full license fee.	

**NOTE**—License fees on this page are net amounts.



# Ammunition



**B. B. Caps;** round ball; 26 grs; for Flobert and other 22 Rifles and Pistols.

Mfr's List

**Dominion; smokeless** ..... \$7.00

100 in box; 10,000 in case.  
Weight per case, 45 lbs.



**.22—Long rifle;** 5 grs. powder; ball 40 grs; for all standard repeating and single shot 22 rifles.

Mfr's List

**Dominion; smokeless** ..... 17.50

**Dominion; Lesmok** ..... 14.00

50 in box; 10,000 in case.  
Weight per case, 88 lbs.



**.25—Short Stevens;** 4½ grs. powder; ball 65 grs; for Stevens, Remington and Winchester Single Shot Rifles.

Mfr's List

**Dominion Lesmok** ..... \$23.50

**American Lesmok** ..... \$11.75

50 in box; 2,000 in case.  
Weight per case, 13 lbs.



**.38—Short;** 18 grs. powder; ball 130 grs; for all revolvers; Stevens, Remington and other rifles.

Mfr's List

**Dominion; Lesmok** ..... \$37.50

50 in box; 3,000 in case.  
Weight per case, 84 lbs.



**.22 Long;** 3 grs. powder; No. 10 shot. For all rifles and revolvers that take .22 long Rifle cartridges.

Mfr's List

**Dominion; black** ..... \$22.00

50 in box; 10,000 in case.  
Weight per case, 66 lbs.



**.43—Mauser;** 78 grs. black powder; No. 6 shot; for .43 calibre Mauser rifle;

**Dominion; black** ..... \$140.50

20 in a box; 1,000 in a case. Weight per case 74 lbs.

**.57—Snider;** 75 grs. Powder; No. 6 Shot. For Snider Rifles.

**Dominion; Black** ..... \$125.00

25 in a box; 1,000 in case. Weight per case, 105 lbs.



**.22—Short;** Special powder; special wadding and crimping. For all .22 calibre rifles and revolvers.

Mfr's List

**Dominion; black** ..... 56.00

100 in box; 10,000 in case.

Weight per case, 32 lbs.



**.22—Short;** 3 grs. powder; ball 35 grs.; for all Standard Repeating or Single Shot 22 rifles or Pistols.

Mfr's List

**Dominion; Lesmok** ..... \$10.00

**Dominion; smokeless** ..... 10.70

**American; Lesmok** ..... 5.00

**American; smokeless** ..... 5.35

50 in box; 10,000 in case.

Weight per case, 65 lbs.



**.22—Extra Long;** 7 grs. powder; ball 40 grs; for Winchester 1902 model, Remington and Stevens single shot rifles.

Mfr's List

**Dominion; Lesmok** ..... \$21.00

100 in box; 10,000 in case.

Weight per case, 92 lbs.



**.25—Stevens;** 11 grs. powder; ball 65 grs; for Stevens, Winchester, and Remington Single Shot rifles.

Mfr's List

**Dominion; Lesmok** ..... \$33.00

**American; Lesmok** ..... 16.50

50 in box; 2,000 in case.

Weight per case, 17 lbs.



**.38—Long;** 21 grs. powder; ball 148 grs; for all revolvers; Stevens, Remington, Ballard and other rifles.

Mfr's List

**Dominion; Lesmok** ..... \$42.00

50 in box; 3,000 in case.

Weight per case, 95 lbs.



**.32—Long;** 7 grs. powder; No. 10 shot. for all rifles and revolvers that will take .32 long cartridges.

Mfr's List

**Dominion; black** ..... \$44.00

50 in box; 5,000 in case.

Weight per case, 62 lbs.



**.22—Long;** 5 grs. powder; ball 35 grs. for all standard repeating or single Shot 22 rifles or pistols.

Mfr's List

**Dominion; Lesmok** ..... \$12.00

**Dominion; Smokeless** ..... 15.00

**American; Lesmok** ..... 6.00

**American; smokeless** ..... 7.50

50 in box; 10,000 in case.

Weight per case, 80 lbs.



**.22—Winchester;** 7 grs. powder; ball 45 grs; for Winchester single shot and 1890 model rifles; Colt Revolvers.

Mfr's List

**Dominion; Smokeless** ..... \$23.50

50 in box; 5,000 in case.

Weight per case, 58 lbs.



**.32—Short;** 9 grs. powder; ball 80 grs; for revolvers, pistols, all single shot and Marlin Repeating rifles.

Mfr's List

**Dominion; Lesmok** ..... \$23.50

**American; Lesmok** ..... 11.75

50 in box; 5,000 in case.

Weight per case, 17 lbs.



**.41 Swiss Military;** smokeless powder; ball 310 grs.; for Vetterli and other Swiss rifles.

**American Smokeless** ..... \$57.00

20 in box; 500 in case. Weight per case, 40 lbs.



**.32—Smith & Wesson;** No. 12 shot; black powder; for S. & W. Colt, H. & B. and H. & A. revolvers.

**Dominion; black** ..... \$36.00

50 in box; 5,000 in case.

Weight per case, 64 lbs.



**.38—Winchester;** No. 8 shot; black powder; for Winchester 1873 and 1892 1892 models; Marlin repeating rifles Remington and Winchester single shot rifles; Colt and Smith & Wesson revolvers.

**American; black** ..... \$30.00

50 in box; 2,000 in case.

Weight per case, 49 lbs.



**.44—40—10 grs. powder black;** No. 7 shot; for Winchester, Marlin, Colt and Remington rifles and S. & W. and Colt revolvers.

Mfr's List

**Dominion; black** ..... \$60.00

50 in box; 2,000 in case.

Weight per case, 91 lbs.



**.44 IXL;** 27 grs. powder; No. 7 shot; For IXL and other .44 calibre shot guns.

Mfr's List

**Dominion; black** ..... \$63.00

50 in box; 2,000 in case.

Weight per case, 98 lbs.



**.32—Short;** special powder; special wadding and crimping. For all .32 calibre rifles and revolvers.

Mfr's List

**Dominion; black** ..... \$11.00

50 in box; 5,000 in case.

Weight per case, 24 lbs.



**.32—Smith & Wesson;** special powder; special wadding and crimping. For Smith & Wesson and other revolvers.

Mfr's List

**Dominion; black** ..... \$22.00

50 in box; 5,000 in case.

Weight per case, 35 lbs.



**.38—Smith & Wesson;** special powder; special wadding and crimping. For Smith & Wesson and other revolvers.

Mfr's List

**Dominion; black** ..... \$28.00

50 in box; 2,000 in case.

Weight per case, 22 lbs.



## Ammunition

CENTER FIRE METALLIC CARTRIDGES  
FOR PISTOLS AND RIFLES

.25—Automatic; soft point or metal patch bullet; smokeless powder; ball 50 grs. For Colt, Browning, Clement and H. & R. Automatic Pistols.

Mfr's List

Dominion; smokeless ..... \$58.00  
50 in box; 2,000 in case. Weight per case, 27 lbs.  
50 in box; 2,000 in case.  
Weight per case, 27 lbs.



.25-20—17 grs. powder; ball 86 grs. For model 1892 Winchester Repeating rifles.

Mfr's List

Dominion; black (lead bullet) ..... \$56.00  
Dominion; smokeless (S. P. Bullet) ..... 70.00  
50 in box; 2,000 in case.  
Weight per case, 51 lbs.



.32—Colt Automatic; soft point or metal patch bullet; smokeless powder; ball 74 grs. For Colt, Savage, Webley & Scott, 7.65 M.M. and Browning Automatic Pistols.

Mfr's List

Dominion; smokeless ..... \$63.00  
50 in box; 2,000 in case.  
Weight per case, 38 lbs.



.32—Smith & Wesson; lead bullet; 9 grs. powder; ball 85 grs. For S. & W. Colt, H. & R. and H. & A. Revolvers.

Mfr's List

Dominion; black ..... \$38.50  
Dominion; smokeless ..... 42.50  
American; smokeless ..... 21.00  
50 in box; 5,000 in case.  
Weight per case, 94 lbs.



.32—Short Colt; lead bullet; 9 grs. powder; ball 80 grs. For Colt, Webley and Tranter Double Action Revolvers.

Mfr's List

Dominion; black ..... \$38.50  
50 in box; 5,000 in case.  
Weight per case, 89 lbs.



.32—Long Colt; lead bullet; 12 grs. powder; ball 90 grs. For Colt Revolvers.

Mfr's List

Dominion; black ..... \$42.00  
50 in box; 5,000 in case.  
Weight per case, 100 lbs.



.32-20—20 grs. powder; ball 115 grs. For Marlin and Winchester Repeating Rifles.

Mfr's List

Dominion; black (lead bullet) ..... \$56.00  
Dominion; smokeless (S. P. Bullet) ..... 70.00  
50 in box; 2,000 in case.  
Weight per case, 60 lbs.



.38—Automatic Colt; Metal patch; smokeless; ball 230 grs. For Colt Automatic Pistol.

Mfr's List

Dominion; smokeless ..... \$91.00  
50 in box; 2,000 in case.  
Weight per case, 62 lbs.



.380—Colt Automatic; metal patch; smokeless; ball 95 grs. For Colt and Savage Automatic Pistols.

Mfr's List

American; smokeless ..... \$43.75  
50 in box; 2,000 in case.  
Weight per case, 48 lbs.



.38—Smith & Wesson; lead bullet; 14 grs. powder; ball 145 grs. For S. & W. H. & R. and H. & A. Revolvers.

Mfr's List

Dominion; black ..... \$47.00  
Dominion; smokeless ..... 54.50  
American; smokeless ..... 27.25  
50 in box; 2,000 in case.  
Weight per case, 66 lbs.



.38—Short Colt; lead bullet; 18 grs. powder; ball 130 grs. For Colt Revolvers and .38 calibre rifles.

Mfr's List

Dominion; black ..... \$47.00  
50 in box; 4,000 in case.  
Weight per case, 114 lbs.



.38—Long Colt; lead bullet; 19 grs. powder; ball 150 grs. For Colt, S. & W. and other Revolvers, and .38 calibre rifles.

Mfr's List

Dominion; black ..... \$51.00  
50 in box; 3,000 in case.  
Weight per case, 103 lbs.



.38-40—38 grs. powder; ball 180 grs. For Winchester 1873 and 1892 models; Marlin Repeating Rifles; Remington and Winchester Single Shot Rifles; Colt and Smith & Wesson Revolvers.

Mfr's List

Dominion; black (lead bullet) ..... \$66.50  
Dominion; smokeless (S. P. Bullet) ..... 84.00  
50 in box; 2,000 in case.  
Weight per case, 91 lbs.



.44-40—40 grs. powder; ball 200 grs. For Winchester Repeating Rifles, 1873 and 1892 models; Marlin and Colt Repeating Rifles; Winchester and Remington Single Shot Rifles; Smith & Wesson Double action and Colt Revolvers.

Mfr's List

Dominion; black (lead bullet) ..... \$66.50  
Dominion; smokeless (S. P. Bullet) ..... 84.00  
American; black (lead bullet) ..... 33.25  
American; smokeless S.P. or M.P. bullet ..... 42.00  
50 in box; 2,000 in case.  
Weight per case, 100 lbs.



.44—Game Getter; lead bullet; 34 grs. powder; ball 115 grs. For Marble Game Getter and other Rifles.

Mfr's List

Dominion; black ..... \$66.50  
50 in box; 2,000 in case.  
Weight per case, 76 lbs.



.45—Colt; lead bullet; 38 grs. powder; ball 235 grs. For Colt Revolvers.

Mfr's List

Dominion; black ..... \$77.00  
50 in box; 2,000 in case.  
Weight per case, 110 lbs.



.455—Colt; lead bullet; 17 grs. powder; ball 265 grs. For Colt New Service, and Webley New Service Revolvers.

Mfr's List

Dominion; smokeless ..... \$84.00  
50 in box; 2,000 in case.  
Weight per case, 107 lbs.



.45—Automatic Colt; metal patch bullet; smokeless; ball 200 grs. For Colt Automatic Pistol.

Mfr's List

American; smokeless ..... \$52.50  
50 in box; 2,000 in case.  
Weight per case, 95 lbs.



# Ammunition

## SPORTING AND MILITARY SIZES



.22—High Power Savage; soft point or metal patch bullet; smokeless; ball 70 grs. For Savage high power rifle.  
 American Smokeless ..... Mfr's List \$72.25  
 \* 20 in box; 1,000 in case. Weight per case 44 lbs.



.25-35—Metal patch or soft point bullet; smokeless; ball 117 grs. For Winchester and Savage rifles.  
 Dominion; smokeless ..... Mfr's List \$125.50  
 20 in box; 1,000 in case. Weight per case 49 lbs.



.303—Savage; soft point bullet; smokeless; ball 190 grs. For Savage Repeating Rifles.  
 Dominion; smokeless ..... Mfr's List \$144.50  
 American; smokeless ..... 72.25  
 20 in box; 1,000 in case. Weight per case, 63 lbs.



.30-30—Winchester; soft point bullet; smokeless; ball 170 grs. For Winchester, Marlin, and Savage rifles.  
 Dominion; smokeless ..... Mfr's List \$144.50  
 American; smokeless ..... 72.25  
 20 in box; 1,000 in case. Weight per case, 56 lbs.



.30—Remington Auto Loading; soft point bullet; smokeless; ball 170 grs. For Remington Auto-Loading or Repeating, Standard Automatic and Stevens Repeating Rifles.  
 Dominion; smokeless ..... Mfr's List \$144.50  
 20 in box; 1,000 in case. Weight per case, 58 lbs.



.32-40—Lead or soft point bullet; 40 grs. powder; ball 165 grs. For Winchester Single Shot and 1891 Model, Repeating, and Marlin, Savage and Ballard Rifles.  
 Dominion; black (lead bullet) ..... Mfr's List \$102.50  
 Dominion; smokeless (S.P. bullet) ..... 121.50  
 20 in box; 1,000 in case. Weight per case, 59 lbs.



.32—Winchester Self-Loading; soft point bullet; smokeless; ball 165 grs. for Winchester Self-Loading Rifle, 1905 model.  
 American; smokeless ..... Mfr's List \$51.25  
 50 in box; 2,000 in case. Weight per case, 80 lbs.



.250—High Power Savage; soft point or metal patch bullet; smokeless; ball 87 grs. For Savage rifle, 1899 model. 250-3000 calibre.  
 Dominion; Smokeless ..... Mfr's List \$160.00  
 20 in box; 1,000 in case. Weight per case, 45 lbs.



.280—Ross; soft point bullet; smokeless; ball 150 grs. For Ross High Velocity Rifle, Model M.  
 Dominion; smokeless ..... Mfr's List \$209.00  
 20 in box; 1,000 in case. Weight per case, 81 lbs.



.303—British; Soft point bullet; smokeless; ball 215 grs. For Ross, Winchester (1895 model), Lee-Metford and Lee-Enfield Rifles.  
 Dominion; smokeless ..... Mfr's List \$190.00  
 American; smokeless ..... 95.00  
 20 in box; 1,000 in case. Weight per case, 76 lbs.



.30—Army; soft point bullet; smokeless; ball 220 grs. For Winchester 1895 model, Krag-Jorgensen, and Single Shot Rifles.  
 Dominion; smokeless ..... Mfr's List \$190.00  
 20 in box; 1,000 in case. Weight per case, 82 lbs.



.32—Remington Auto-Loading; soft point bullet; smokeless; ball 170 grs. For Remington Auto-Loading, Repeating, Standard, Automatic or Stevens Repeating Rifles.  
 Dominion; smokeless ..... Mfr's List \$144.50  
 20 in box; 1,000 in case. Weight per case, 57 lbs.



.32—Winchester Special; soft point bullet; smokeless; ball 170 grs. For Winchester Repeating Rifle, 1894 model; Marlin, 1893 Model.  
 Dominion; smokeless ..... Mfr's List \$144.50  
 American; smokeless ..... 72.25  
 20 in box; 1,000 in case. Weight per case, 58 lbs.



.33—Winchester; soft point bullet; smokeless; ball 200 grs. For Winchester Rifle, 1886 Model.  
 Dominion; smokeless ..... Mfr's List \$190.00  
 20 in box; 1,000 in case. Weight per case, 80 lbs.



## Ammunition

### SPORTING AND MILITARY SIZES



**.35—Winchester Self-Loading;** soft point bullet; smokeless; ball 180 grs. For Winchester Self-Loading Rifle, 1905 model.

Mfr's List

American; smokeless

50 in box; 2,000 in case. Weight per case, 85 lbs.

\$52.25



**.351—Winchester Self-Loading;** soft point bullet; smokeless; ball 180 grs. For Winchester Self-Loading Rifle, 1907 model.

Mfr's List

Dominion Smokeless

50 in box; 2,000 in case. Weight per case, 92 lbs.

\$121.50



**.401—Winchester Self-Loading;** soft point bullet; smokeless; ball 250 grs. For Winchester Self-Loading Rifle, 1910 model.

Mfr's List

American smokeless

20 in box; 1,000 in case. Weight per case, 66 lbs.

\$76.00



**.45-70—Government;** 70 grs. powder; ball 405 grs. For Springfield, Hotchkiss, and Winchester model 1886 Repeating Rifles, and Winchester Single Shot rifles.

Mfr's List

Dominion; black (lead bullet)

20 in box; 1,000 in case. Weight per case, 98 lbs.

\$123.00



**.35—Remington Auto-Loading;** soft point bullet; smokeless; ball 200 grs. For Remington Auto-Loading or repeating, Standard Automatic, and Remington; Smokeless.

Mfr's List

Dominion; smokeless

American; smokeless

20 in box; 1,000 in case. Weight per case, 65 lbs.

\$159.50

79.75



**.38-55—Winchester;** 48 grs. powder; ball 255 grs. For Winchester, Savage, Marlin and Ballard Rifles.

Mfr's List

Dominion; black (lead bullet)

Dominion; smokeless (S. P. bullet)

American; smokeless (S. P. bullet)

\$125.50

152.00

76.00

20 in box; 1,000 in case. Weight per case, 73 lbs.



**.43—Mauser;** lead bullet; 78 grs. black powder; ball 365 grs. For 43 calibre Mauser Rifle.

Mfr's List

Dominion; black

20 in box; 1,000 in case. Weight per case, 102 lbs.

\$133.00



**.57—Snider;** lead bullet; 75 grs. powder; ball 430 grs. For Snider Rifle.

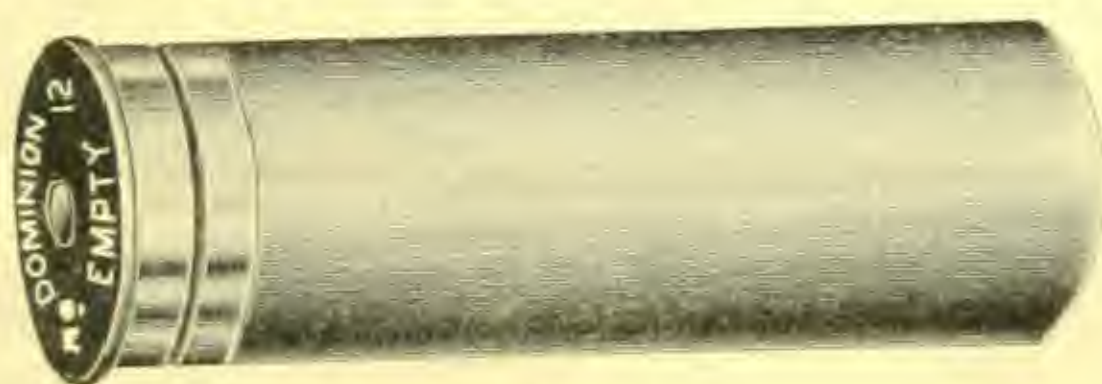
Mfr's List

Dominion; black

10 in box; 1,000 in case. Weight per case, 118 lbs.

\$152.00

## Empty Shot Gun Shells



Crown; paper; Dominion No. 2 Primer; for black powder.

Gauge	12	16	20
Length, inches	2 3/4	2 3/8	2 1/2
Weight per case, lbs.	154	135	125
Manufacturer's List	\$29.00	28.50	28.50

100 in box; 5,000 in case.

Note.—When reloading use only Dominion No. 2 Primer.

Crown; paper; Dominion No. 3B Primer; for smokeless powder.

Gauge	12	16	20
Length, inches	2 3/4	2 3/8	2 1/2
Weight per case, lbs.	154	135	125
Manufacturer's List	\$33.00	32.00	32.00

100 in box; 5,000 in case.

Note.—When reloading use only Dominion No. 3B Primer.

### BRASS SHOT SHELLS



Brass case; length 2 inches; 410 gauge; black powder; Nos. 6 and 8 shot; for 410 gauge shot guns.

Mfr's List

Dominion; black

25 in box; 500 in a case. Weight per case, 29 lbs.

\$61.00

## Caps and Primers



### DOMINION PRIMERS

No. 1—Copper; for black and smokeless pistol cartridges. Weight per case, 10 lbs. Mfr's List \$7.60

No. 1 1/2—Copper; for black and smokeless pistol and rifle cartridges. Weight per case, 10 lbs. Mfr's List \$7.60

No. 2—Copper; for black shot shells and revolver cartridges that take large primer. Weight per case, 12 lbs. Mfr's List \$7.60

No. 2 1/2—Copper; for rifle cartridges. Weight per case, 12 lbs. Mfr's List \$7.60

No. 3B—Copper; for smokeless shot shells with battery cups. Weight per case, 17 lbs. Mfr's List \$7.60

Note.—Dominion Primers are packed in divisional explosive-proof boxes, 100 in box; 10,000 in case; cannot be shipped by mail.

### WINCHESTER IMPROVED PRIMERS

No. 2 1/2—For military and sporting cartridges. Weight per case, 71 lbs. Mfr's List Per 1,000 \$3.80

No. 3W—Copper; for large size pistol cartridges; yellow and blue Rival paper shot shells. Mfr's List Per 1,000 \$3.80

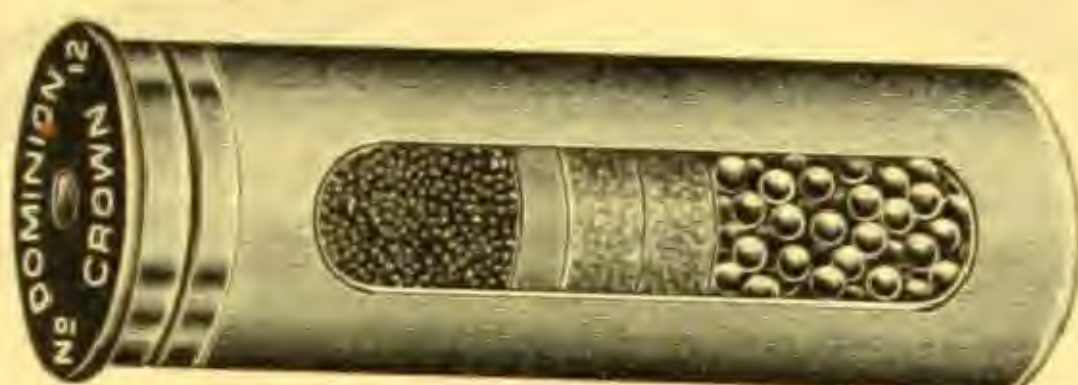
### ELEY GUN CAPS

No. EB—For muzzle loading guns; weight per 1000, 1/2 lb. Per 1000 100 in a box; 1,000 in a package.



# Dominion Shot-Gun Shells

## CROWN FIELD LOADS



**Black Powder;** Chilled Shot; Crown shells are red; primed with Dominion No. 2 Primer; loaded with Snapshot Powder; made and loaded by automatic machinery; exhaustive tests show the Crown Shells to be made from the best of materials; and that the most effective loads of powder and shot have been fixed upon and for the Crown Shell.

Gauge	20	20	20
Load letters	CW	CW	CW
Powder, drams	21½	21½	21½
Shot, ozs.	1	1	1
Shot, sizes	2 to 7½	BB. & 4A	Ball
Weight per case, lbs.	45	45	45
Mfr's List per 1000	\$72.50	78.50	87.50

25 in a box; 500 in a case.

Gauge	16	16	16
Load letters	CB	CB	CB
Powder, drams	23¼	23¼	23¼
Shot, ozs.	1	1	1
Shot, sizes	2 to 7½	BB. & SG.	Ball
Weight per case, lbs.	50	50	50
Mfr's List per 1000	\$77.00	83.00	89.00

25 in a box; 500 in a case.

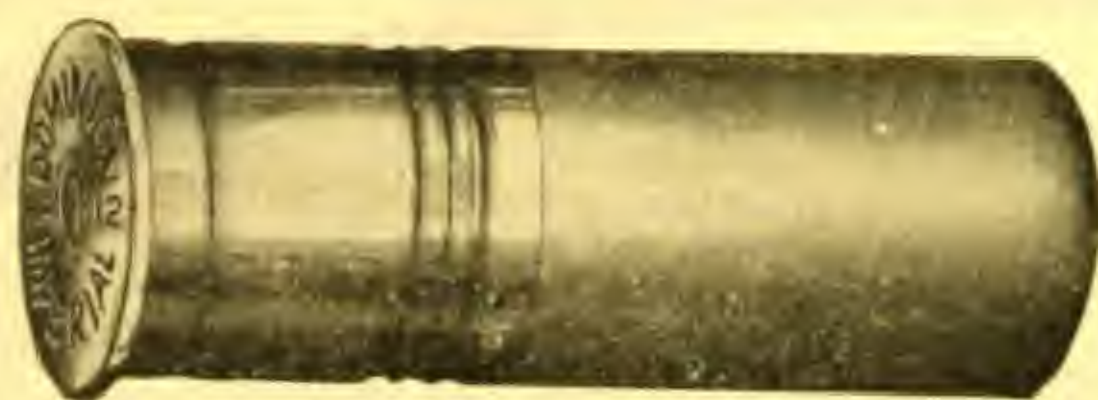
Gauge	12	12	12
Load letters	CS	CJ	CJ
Powder, drams	3¼	3¼	3¼
Shot, ozs.	1½	1½	1½
Shot, sizes	1 to 7½	BB. to SSG.	Ball
Weight per case, lbs.	60	60	60
Mfr's List per 1000	\$78.50	84.50	90.50

25 in a box; 500 in a case.

Gauge	10	10
Load letters	CV	CV
Powder, drams	4¼	4¼
Shot, ozs.	1½	1½
Shot, sizes	2, 4, 6	BB. & GG.
Weight per case, lbs.	65	65
Mfr's List, per 1000	\$90.50	\$96.50

25 in a box; 500 in a case.

## IMPERIAL FIELD LOADS



**Dupont;** bulk smokeless powder; chilled shot; base, steel re-inforced head; No. 3B primer; waterproof construction; red color; a shell for the most discriminating sportsman.

Gauge	12	12
Load letters	IA	IA
Powder, drams	3¼	3¼
Shot, ozs.	1½	1½
Shot, sizes	2 to 7½	BB
Weight per case, lbs.	63	63
Mfr's list, per 1000	\$115.50	\$115.50

25 in a box; 500 in a case.

## IMPERIAL LONG RANGE LOAD

**Dupont smokeless powder;** 12 gauge; chilled shot; 3½ drams powder; 1¼ oz. shot; sizes of shot 2, 4, and B. R.; weight per case 63 lbs.

Mfr's list per 1000. \$122.25

25 in a box; 500 in a case.

## CANUCK FIELD LOADS



**Dupont;** smokeless powder; Canuck shells are red; the most recent production of the Dominion Cartridge Company, Limited; medium high brass base; steel reinforced head; primed with new Dominion 3B primer; equally good for trap and field shooting. Chilled Shot.

Gauge	20	20	20
Load letters	DM.	DM.	DH.
Powder, drams	21½	21½	2
Shot, ozs.	1	1	1
Shot, sizes	2 to 7½	BB. & 4A	Ball
Weight per case, lbs.	45	45	45
Mfr's List per 1000	\$95.00	95.00	96.00

25 in a box; 500 in a case.

Gauge	16	16	16
Load letters	DT.	DT.	DL.
Powder, drams	23¼	23¼	23¼
Shot, ozs.	1	1	1
Shot, sizes	2 to 7½	BB. & SG.	Ball
Weight per case, lbs.	50	50	50
Mfr's List per 1000	\$96.00	96.00	100.00

25 in a box; 500 in a case.

Gauge	12	12	12
Load letters	DA.	DA.	DA.
Powder, drams	3¼	3¼	3¼
Shot, ozs.	1½	1½	1½
Shot, sizes	1 to 7½	BB. to SSG.	Ball
Weight per case, lbs.	60	60	60
Mfr's List per 1000	\$104.50	104.50	108.50

25 in a box; 500 in a case.

Gauge	10	10
Load letters	DSO.	DSO.
Powder, drams	4	4
Shot, ozs.	1½	1½
Shot, sizes	2, 4, 6	BB.
Weight per case, lbs.	65	65
Mfr's List per 1000	\$121.50	121.50

25 in a box; 500 in a case.

**Ballistite;** dense smokeless powder; construction the same as above described;

Gauge	12	12	12
Load letters	DF	DF	DF
Powder, grains	26	26	26
Shot, ozs.	1½	1½	1
Shot, sizes	1 to 7½	BB. to SSG.	Ball
Weight per case, lbs.	60	60	60
Mfr's list per 1000	\$104.50	\$104.50	\$108.50

25 in a box; 500 in a case.

**Black Powder;** canuck shells; chilled construction same as above are red: **Canuck Shells;** 28 gauge; loaded with black powder, and chilled shot; otherwise as described above.

Gauge	28	28
Load letters	DNA.	DXB.
Powder, drams	1½	1½
Shot, ozs.	1	1
Shot, sizes	2, 4, 6 & 7½	Ball
Weight per case, lbs.	40	40
Mfr's list per 1000	\$67.00	\$82.00

25 in a box; 500 in a case.

## CANUCK TRAP LOAD

**Dupont smokeless powder;** 12 gauge; No. 7½ chilled shot; 3 drams powder; 1¼ oz. shot; weight per case 60 lbs.

Mfr's list per 1000. \$105.50



## Air Rifles



No. 10—King Single shot air rifle; operates by breaking open at the breech; round blued barrel; walnut stock; length over all 29 inches; weight each, 1 lb. 2 ozs.

Each ..... \$1.70



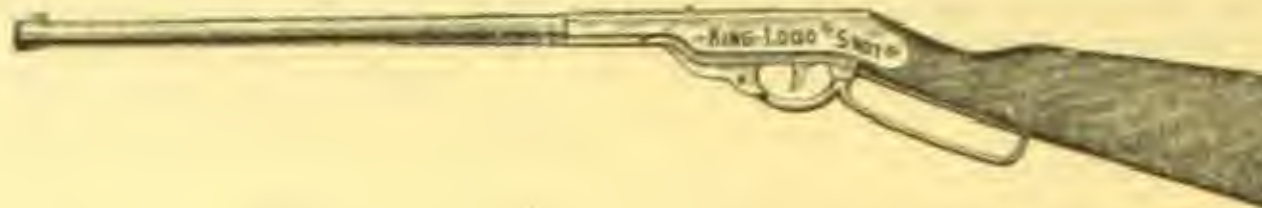
No. 21—King single shot air rifle; operates by lever underneath the frame; nickel plated round steel barrel; malleable lever; walnut stock; length over all 31 inches; weight each 1 1/4 lb.

Each ..... \$2.80



No. 22—King 500 shot repeating air rifle; lever action; best grade nickel plated round steel barrel; barrel and frame made in one piece; walnut stock; parts interchangeable; magazine holds 500 shots; accurate sights; length over all 31 inches; weight each 1 1/4 lb.

Each ..... \$3.50



No. 55—King 1000 shot repeating air rifle; lever action; hammerless; barrel and frame of one piece, nickel plated finish; black walnut stock; true sights; accurate shooting; great penetration; parts interchangeable; shoots air rifle shot; length 36 inches; weight each 2 1/4 lbs.

Each ..... \$4.00

## Single Shot Rifles

## WINCHESTER



Mod. 1902—Bolt action; take down; 18 inch barrel; shoots short, long and extra long cartridges; oiled walnut stock with rubber plate butt; drop of stock at heel 2 1/4 inches; length over all 33 1/2 inches; true sights; accurate shooting; weight each 3 lbs.

22 calibre ..... Each \$16.00

## COOEY



CANUCK; Bolt action; take down; safety device prevents accidental discharge; special rifling gives greater penetration and less trajectory than many other models; 21 inch barrel; open sights; shoots short, long and extra long cartridges; oiled walnut pistol grip stock; steel butt plate; length over all 34 1/2 inches; weight each 3 1/4 lbs.

22 calibre ..... Each \$13.50  
25 calibre ..... Each \$13.50  
22 calibre Junior ..... Each \$ 9.00

## STEVENS



No. 14 1/2—Little Scout; take down; 18 inch barrel; shoots B.B. caps, short, long and extra long rifle cartridges; case hardened frame, blued finish; oiled stock with steel butt plate; knife edge front and open rear sights; length over all 32 1/2 inches; weight each 2 1/4 lbs.

22 calibre ..... Each \$10.50

## STEVENS



No. 26—Crack Shot; take down; 18 inch barrel; shoots B.B. caps, 22 short, 22 long, 22 long rifle, 32 short and 32 long cartridges; case hardened frame; blued finish; lever action; oval stock, oiled finish; with steel butt plate; knife blade front and open rear sights; length 32 1/2 inches; weight each 3 1/4 lbs.

22 calibre ..... Each \$13.00  
32 calibre ..... Each \$13.00

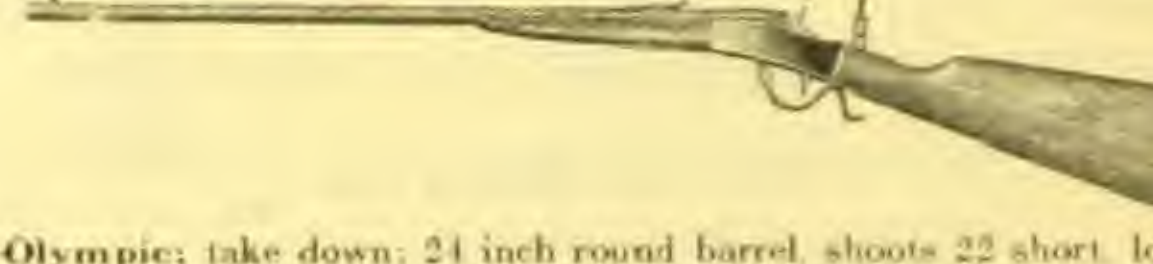
## STEVENS



No. 12—Marksman; take down; 20 inch barrel; shoots B.B. caps, 22 short, 22 long, 22 long rifle and 25 and 32 short or long cartridges; reinforced breech; blued frame; lever action; walnut stock; rubber butt plate; head front and open rear sights; length 37 inches; weight 4 lbs.

22 calibre ..... Each \$17.00  
25 calibre ..... Each \$17.00  
32 calibre ..... Each \$17.00

## PAGE-LEWIS



Model C—Olympic; take down; 24 inch round barrel; shoots 22 short, long and long rifle cartridges; plain extractor; blued steel frame; lever action; tool steel hammer and trigger; oval walnut stock; steel butt plate; large walnut fore-end; combination front, sporting rear and tang peep rear sights; length over all 39 inches; weight each 5 1/4 lbs.

Each ..... \$19.80

Model B—Sharpshooter; same specification as model C, but equipped with head front and sporting rear sights

Each ..... \$15.30



# Repeating Rifles

WINCHESTER



Mod. 1906—Pump action; take down; for 22 short, long or extra long rifle cartridges; 20 inch round barrel; straight grip stock; rubber butt plate; sporting front and adjustable open rear sight; very accurate and reliable; magazine holds 15 short 12 long or 11 long rifle cartridges; length over all 36 inches; weight each 5 lbs.  
22 calibre..... Each \$46.80

WINCHESTER



Mod. 1890—Pump action; take down; for 22 W. R. F. cartridges; 24 inch octagon barrel; straight grip walnut stock; steel butt plate; magazine holds 12 cartridges; accurate and powerful; a desirable ladies arm; length 40 inches; weight 5½ lbs.  
22 W. R. F. calibre..... Each \$54.00

REMINGTON



Mod. 24—Automatic; hammerless; solid breech; take down; bottom ejection; round barrel; white metal bead front and adjustable bar rear sights; length of barrel 19 inches; capacity of magazine fifteen 22 short cartridges; chambered for regular 22 short cartridges; neat appearance; sturdy construction; speedy to operate; weight 4¾ lbs.  
22 short R. F. calibre..... Each \$60.00

STEVENS



No. 70—Pump action; visible loading; take down; for 22 short, long or long rifle cartridges; 22 inch round barrel; Rocky Mountain front and sporting rear sight; blued frame; walnut stock; rubber butt plate; magazine holds 15 short, 13 long or 11 long rifle cartridges; length 37 inches; weight 5½ lbs.  
22 calibre..... Each \$29.40

MARLIN



No. 20—Pump action; take down; 24 inch round barrel; for 22 short, long or long rifle cartridges; full magazine holds 25 short cartridges at one loading; visible hammer; side ejection; solid top; ivory bead front and special rear sights; black walnut stock; straight grip; steel butt plate; metal parts blued finish; length over all 41 inches; weight 5¾ lbs.  
22 calibre..... Each \$42.00

MARLIN



No. 38—Pump action; take down; hammerless; 24 inch octagon barrel; shoots 22 short, long or long rifle cartridges; half magazine holds 15 short cartridges; side ejection; solid top; ivory bead front and Rocky Mountain rear sights; black walnut stock; pistol grip; rubber butt plate; parts easily removed and assembled; very accurate; length over all 40 inches; weight 5½ lbs.  
22 calibre..... Each \$46.40

MARLIN



No. 39—Lever action; take down; 24 inch octagon barrel; for 22 short; long or long rifle cartridges; full magazine holds 25 short cartridges at one loading; visible hammer; side ejection; solid top; ivory bead front and Rocky Mountain rear sights; black walnut stock with pistol grip and rubber butt plate; length over all 41 inches; weight 5¾ lbs.  
22 calibre..... Each \$55.20

MARLIN



No. 27—Pump action; take down; 24 inch round barrel; shoots 25 long rim fire cartridges; magazine half length and holds 8 cartridges; side ejection; solid top; smokeless steel barrel; ivory bead front and Rocky Mountain rear sights; black walnut stock; straight grip; metal butt plate; blued finish; length over all 42½ inches; weight 5¾ lbs.  
25 calibre..... Each \$66.90

REMINGTON



Model 14A—Slide action; hammerless; take down; solid breech; high power; 22 inch round barrel; copper bead front and adjustable rear sights; six shot; walnut stock and slide handle; half pistol grip; steel butt plate; length over all 41 inches, taken down 27 inches; weight 6¾ lbs.  
35 Calibre..... Each \$106.80

One in a box.



## Repeating Rifles

WINCHESTER



Mod. 1892—Carbine; lever action; solid frame; 20 inch round barrel; full magazine; 12 shot; top ejection; sporting front and rear sights; American walnut stock; straight grip; steel butt plate; weight 5½ lbs.  
44 W.C.F. calibre. Each \$63.00

WINCHESTER



Mod. 1892—Rifle; lever action; solid frame; 24 inch round barrel; full magazine; 14 shot; top ejection; sporting front and rear sights; American walnut stock; straight grip; steel butt plate; weight 6¾ lbs.  
44 W.C.F. calibre. Each \$69.50

WINCHESTER



Mod. 1894—Carbine; lever action; solid frame; 20 inch round barrel; full magazine; 7 shot; top ejection; sporting front and rear sights; American walnut stock; straight grip; steel butt plate; weight 6½ lbs.  
30-30 calibre. Each \$76.00  
32-Special calibre. Each \$76.00  
38-55 calibre. Each \$72.00

WINCHESTER



Mod. 1894—Rifle; lever action; solid frame; 26 inch round barrel; full magazine; 9 shot; top ejection; sporting front and rear sights; American walnut stock; straight grip; metal butt plate; weight 8 lbs.  
30-30 calibre. Each \$82.00  
32-Spec. calibre. Each \$82.00  
38-55 calibre. Each \$77.50

WINCHESTER



Mod. 1905—Self loading rifle; hammerless; take down; box magazine; 5 shot; 22 inch round barrel; sporting front and rear sights; speedy in operation; penetrates 8 to 10 — ¼ inch pine boards; weight 7½ lbs.  
35 calibre (180 grain bullet). Each \$104.00

WINCHESTER



Mod. 1907—Self loading rifle; hammerless; take down; box magazine; five shot; 20 inch round barrel; sporting front and rear sights; walnut stock; pistol grip; rubber butt plate; penetrates 13—¾ inch pine boards; weight 7 ¾ lbs.  
351 calibre (180 grain bullet). Each \$126.00  
Mod. 1910—description as model 1907, penetration 14 — ¾ inch pine boards; weight 8¼ lbs.  
401 calibre (250 grain bullet). Each \$126.00

WINCHESTER



Mod. 1895—Carbine; solid frame; box magazine; five shot; 22 inch nickel steel barrel; sporting sights; walnut stock; straight grip; steel butt plate; sling ring on frame; weight 8 lbs.  
303 British calibre. Each \$108.00

WINCHESTER



Mod. 1895—Lever action; rifle solid frame; box magazine; six shot; 28 inch round nickel steel barrel; sporting sights; walnut stock; straight grip; steel butt plate; a long range hard hitting rifle; weight 8½ lbs.  
303 British calibre. Each \$108.00

SAVAGE



Mod. 1920—Bolt action; solid frame; 22 inch round barrel; white metal front and sporting rear sights; military type two stage trigger; six shot; safe action; oiled finish walnut stock; checkered full pistol grip stock; rubber capped; steel butt plate; weight 6 lbs.  
250-3000 calibre. Each \$110.00

LEE ENFIELD



No. 4—Bolt action; sporting model; solid frame; 25 inch barrel; head front and leaf rear sights; five shot; safety catch on left side; parts interchangeable; one piece walnut stock, checkered half pistol grip stock; steel butt plate; length over all 45 inches; weight 7 lbs. Proved for the mark VII high velocity cartridge.  
303 British calibre. Each \$120.00



# Repeating Rifles

SAVAGE



**Model 1899—Featherweight:** take down; hammerless; 20 inch round tapered high pressure barrel; Rocky Mountain rear sight; side ejector; positive safety; lever action; six shot; walnut stock; straight grip; shot gun butt; steel butt plate; weight 6½ lbs.  
303 Savage calibre. Each \$97.50

SAVAGE



**Model 1899—Regular:** solid frame; hammerless; 26 inch round tapered barrel of high pressure steel; white metal bead front sight, sporting rear sight; side ejection; lever action; six shot; walnut stock; straight grip; steel butt plate; walnut fore-end; weight 8 lbs.  
303 Savage calibre. Each \$82.99

SAVAGE



**Model 1899—22 Hi Power:** featherweight; lever action; take down; hammerless; 20 inch round tapered high pressure steel barrel; adjustable sights; six shot; walnut stock; straight grip; shot gun butt with steel butt plate; walnut fore-end; velocity of bullet 2,800 feet per second; striking energy of bullet 1,206 foot pounds; weight 6½ lbs.  
22 Hi Power calibre. Each \$97.50

SAVAGE



**Model 1899—Hi Power:** take down; lever action; hammerless; round tapered barrel; high pressure steel; silver bead front and sporting rear sights; side ejection; six shot; walnut stock; checkered pistol grip; shot gun butt; steel butt plate; velocity of bullet 3000 feet per second; weight 7 lbs.  
250-3000 calibre (22 inch barrel) Each \$108.00  
300 calibre (24 inch barrel) Each \$108.00

SAVAGE



**No. 410—Interchangeable shot gun barrel:** can be quickly attached to any model 1899 take down rifle, converting it into a 410 ga. single barrel guns; has the correct balance, and is effective on birds and all small animals; length 26 inches; chambered for 410 ga or 44 I.X.L. shot shells.

Each \$23.40

SAVAGE



**Model 1922—Sporter:** bolt action; 23 inch round barrel; bead front sight and flat top hunting rear sight; genuine walnut stock; pistol grip; varnish finish; detachable box magazine holds five 22 long rifle cartridges; checked free curve trigger; action of the bolt in loading cocks the firing pin which is controlled by a safety device; graceful in design and of proven accuracy. 22 long rifle calibre.

Each \$34.90

SAVAGE



COMBINATION KIT

SAVAGE

**Savage Combination Kit:** includes a take down rifle as described above and an interchangeable shot gun barrel also described on this page in a plush lined carrying case, covered with imitation leather and nickel trimmed; this kit makes an attractive display and a very convenient case for the hunter.

250/3000 Hi Power (pistol grip) Kit complete. Each \$131.00

300 Hi Power (pistol grip) Kit complete. Each \$131.00



## Repeating Guns

## WINCHESTER



**Model 97**—Pump action; hammer pattern; take down; six shot; choke bore; rolled steel barrel; proof tested and patterned; blued frame; smooth action; side ejection; walnut stock; plain pistol grip; sure grip plate; length of barrel 30 inches; length of stock 13 $\frac{3}{4}$  inches; drop of stock at the heel 2 $\frac{3}{4}$  inches; weight 7 $\frac{3}{4}$  lbs.; a well known and ever popular arm.

12 gauge ..... Each \$100.00

## WINCHESTER



**Model 12**—Pump action; hammerless; take down; six shot; nickel steel barrel; choke bore; chambered for 2 $\frac{3}{4}$  inch shells; blued finish; side ejection; trigger safety bolt; oiled finish walnut stock and slide handle; plain pistol grip; rubber butt plate; length of barrel on 12 ga. 30 inches; on 16 ga. 26 inches and on 20 ga. 25 inches; pleasing design; positive action; strong shooting; light to handle.

12 gauge, weight 7 $\frac{3}{4}$  lbs ..... Each \$118.80  
16 gauge, weight 6 $\frac{1}{4}$  lbs ..... Each \$118.80  
20 gauge, weight 6 lbs ..... Each \$118.80

## MARLIN



**Model 43A**—Pump action; hammerless; take down; six shot; special rolled steel barrel with matted top; solid steel breech; side ejection; blued finish; press button cartridge release; black walnut stock and slide handle; plain pistol grip; rubber butt plate; the locknut on barrel takes up all wear caused through hard service; guard safety is convenient and positive in its action; a fine handline gun with an enviable record for long distance kills; length of barrel 30 inches; weight 8 lbs.

12 gauge ..... Each \$97.20

## REMINGTON



**No. 10A**—Pump action; hammerless; take down; six shot; high grade steel barrel; choke bore; bottom ejection; one piece frame; blued finish; positive safety device; fast firing action; quickly taken down and assembled; walnut stock and slide handle; pistol grip; rubber butt plate; adjustment bushing to take up wear from long service; graceful in design; easily cleaned; patterns well; length of barrel 30 inches; weight 7 $\frac{1}{2}$  lbs.

12 gauge ..... Each \$113.60

One in a box.

## Single Barrel Guns

## VICTOR



Breech loading; hammer gun; walnut stock and fore-end; rubber butt plate; case hardened frame blued finish; pistol grip; plain ejector.

Number	1012	1016	1020
Gauge	12	16	20
Barrel length, inches	30	30	28
Weight, lbs.	6 $\frac{1}{4}$	6	5 $\frac{3}{4}$
Each	\$19.50	19.50	19.50

## IVER JOHNSON



Breech loading; hammer pattern; blued frame; top snap; pistol grip; walnut stock and fore-end; rubber butt plate; automatic ejector; choke bore; length of barrel 30 inches; length of stock 14 inches; weight 7 lbs.

12 gauge ..... Each \$22.50

## HARRINGTON &amp; RICHARDSON



Breech loading; hammer gun; walnut stock and fore-end; pistol grip; rubber butt plate; top snap; blued frame; choke bore; automatic ejector.

Number	812	816	820
Gauge	12	16	20
Barrel length, inches	30	30	28
Weight, lbs.	6 $\frac{1}{4}$	6	5 $\frac{3}{4}$
Each	\$22.50	22.50	22.50

## HARRINGTON &amp; RICHARDSON



Breech loading; hammer gun; the same grade and design as described above except being made to use 44-40 I. X. L. shot cartridges; length of barrel 26 inches; choke bore; weight 4 $\frac{1}{2}$  lbs.

410 gauge (44 cal) ..... Each \$22.50



## Double Barrel Guns

## STEVENS



No. 235—Breech loading; hammer pattern; checkered pistol grip stock; rubber butt plate; checkered fore-end; blued finish case hardened frame; barrels are modified and full choke bore; 30 inches long; weight 8 lbs.

12 gauge..... Each \$54.70  
16 gauge..... Each \$54.70

## PEERLESS



No. 4—Breech loading; hammer pattern; checkered pistol grip; walnut stock; rubber butt plate; Deeley & Edge patent fore end; top lever action; bar rebounding locks; armory steel barrels bored for smokeless powder; modified and full choke bore; matted rib; finely finished.

12 gauge (30 inch barrels) 7½ lbs. Each \$45.00  
16 gauge (30 inch barrels) 6½ lbs. Each \$45.00  
20 gauge (28 inch barrels) 6¼ lbs. Each \$45.00

## LEFEVER



Model 1922—Breech loading; hammerless; checkered pistol grip; checkered fore end; select walnut stock; rubber butt plate; top lever action; positive safety; nitro steel barrels; modified and full choke; matted rib; a high grade gun at a moderate price.

12 gauge (30 inch barrels) 7½ lbs. Each \$60.00  
16 gauge (30 inch barrels) 6½ lbs. Each \$60.00  
20 gauge (28 inch barrels) 6¼ lbs. Each \$60.00

## IVER JOHNSON



Breech loading; hammerless; checkered fore end and pistol grip; walnut stock; rubber butt plate; all working parts are drop forged and carefully machined; automatic safety device; high grade barrels; modified and full choke; reinforced breech; matted rib; well balanced and beautifully finished; weight 7 lbs.

12 gauge (30 inch barrels) Each \$60.00

## STEVENS



No. 335—Breech loading; hammerless; checkered fore-end and pistol grip; walnut stock; rubber butt plate; blued frame; automatic safety catch; length of barrels 30 inches; barrels are modified and full choke; weight 8 lbs.

12 gauge..... Each \$63.60  
16 gauge..... Each \$63.60

## PEERLESS



No. 6—Breech loading; hammerless pattern; checkered pistol grip; walnut stock; rubber butt plate; Deeley & Edge patent fore-end; top lever action; side plate lock action; locks are easily removed for cleaning or repairs; safety slide automatically locks the triggers on opening the gun; armory steel barrels bored for smokeless powder; modified and full choke; matted rib; finely finished.

12 gauge (30 inch barrels) 7½ lbs. Each \$51.00  
16 gauge (30 inch barrels) 6½ lbs. Each \$51.00  
20 gauge (28 inch barrels) 6¼ lbs. Each \$51.00

## PEERLESS



No. 66—Breech loading; hammerless pattern; midget model; checkered pistol grip with rubber cap; walnut stock; rubber butt plate; nitro steel barrels; tested for smokeless powder; matted rib; interchangeable lock parts; safety slide; a good practical gun for ladies and light field shooting.

28 gauge (26 inch barrels) 4¾ lbs. Each \$56.00  
410 gauge (44 cal.) (26 inch barrels) 4¾ lbs. Each \$56.00

## B. S. A.



Breech loading; hammerless; checkered fore-end and pistol grip; stock of walnut; rubber butt plate; barrels are of Jessops fluid pressed steel; 30 inches long and cylinder and choke bored; automatic safety; top snap; Anson & Deely action; all action parts of best Vanadium steel; blued frame; matted rib; special attention is given to the balance and trigger pull etc., and a certificate of shooting test accompanies each gun. A gun of highest quality at a moderate price. Weight 7 lbs.

12 gauge..... Each \$139.00



## Revolvers

## BABY



Six shot; hammer pattern; folding trigger; solid frame; side extraction; rubber grip; length of barrel  $1\frac{1}{2}$  inches; length over all  $4\frac{3}{4}$  inches; weight 7 ounces; for ladies use.

22 R. F. cal. Nickel. Each. \$12.00

## DUMOULIN



Five shot; hammer pattern; double action; automatic ejector; rubber grip; 3 inch barrel; for centre fire cartridges; weight 13 ounces.

32 S. & W. cal. Nickel plated. Each. \$15.00  
32 S. & W. cal. Blued. Each. \$15.00

## HARRINGTON &amp; RICHARDSON



Five shot; hammerless; automatic double action; rubber grip; 3 inch barrel; for centre fire cartridges; accurate; safe; positive action; weight 16 ounces.

32 S. & W. cal. Blued. Each. \$21.50

## IVER JOHNSON



Special; six shot; hammer pattern; automatic double action; perfect rubber grip handle; strong; reliable; absolutely safe; accurate; 4 inch barrel; weight 20 ounces.

32 S. & W. cal. Blued. Each. \$21.50  
38 S. & W. cal. Blued. Each. \$21.50

## IVER JOHNSON



Regular; five shot; hammerless; double action; automatic extractor; rubber grip; safe against accidental discharge; compact; quick; accurate; weight 32 cal. 15 ounces, 38 cal. 20 ounces.

32 S. & W. cal. Nickel. (3 inch barrel). Each. \$22.50  
32 S. & W. cal. Blued. (3 inch barrel). Each. \$22.50  
38 S. & W. cal. Nickel. (3 1/4 inch barrel). Each. \$22.50  
38 S. & W. cal. Blued. (3 1/4 inch barrel). Each. \$22.50

## IVER JOHNSON



Regular; five shot; hammer pattern; double action; "hammer the hammer" safety type; rubber grip; automatic ejector; accurate and reliable; weight 32 cal. 15 ounces, 38 cal. 20 ounces.

32 S. & W. cal. Nickel. (3 inch barrel). Each. \$20.70  
32 S. & W. cal. Blued. (3 inch barrel). Each. \$20.70  
38 S. & W. cal. Nickel. (3 1/4 inch barrel). Each. \$20.70  
38 S. & W. cal. Blued. (3 1/4 inch barrel). Each. \$20.70

## COLT



Pocket positive; six shot; solid frame; hammer pattern; simultaneous side ejection; rubber grip; very dependable and accurate; 3 1/2 inch barrel; weight 18 ounces.

32 S. & W. cal. Blued. Each. \$55.40

## COLT



Police positive; six shot; solid frame; hammer pattern; simultaneous side ejection; Colt positive lock; safe and reliable; large rubber grip; fits the hand perfectly; is well balanced and shoots accurately. Weight 22 ounces.

32 S. & W. cal. Blued. Each. \$56.80  
38 S. & W. cal. Blued. Each. \$56.80

All above one in a box.



# Automatic Pistols

COLT



**Pocket Model;** six shot automatically fired by pulling the trigger; hammerless; double safety catch; two indicators to show when the hammer is cocked; convenient to carry; absolutely safe to use; accurate; length of barrel 2 inches; weight 13 ounces.

25 Auto, calibre blued .....Each \$39.00

COLT



**Pocket Model;** 32 cal. is eight shot, and 380 cal. seven shot; action and design the same as the 25 cal. shown opposite; length of barrel 3 3/4 inches; length over all 6 1/4 inches; weight 23 ounces

32 Auto, calibre, blued .....Each \$47.00  
380 Auto, calibre, blued .....Each \$47.00

COLT



**Pocket Model;** seven shot; hammer pattern; rubber grip; automatic action; accidental discharge impossible; fits the hand comfortably; shoots accurately; length of barrel 1 1/2 inches; length over all 7 1/2 inches; weight 32 ounces.

38 Auto, calibre, blued .....Each \$96.00

SAVAGE



**Model 1917**—ten shot; hammer pattern; positive safety catch; large rubber grip; quick automatic action; accurate; dependable; length of barrel 3 3/4 inches; total length 6 1/2 inches; weight 22 ounces.

32 Auto, calibre, blued .....Each \$45.00

BROWNING



**Pocket Model;** six shot magazine; hammerless; safety catch; absolutely safe; automatic action; rubber grip; easily taken down and assembled; length of barrel 2 inches; length over all 4 1/4 inches; weight 12 ounces.

25 Auto, calibre (6.35) blued .....Each \$36.00

BROWNING



**Pocket Model;** seven shot magazine; hammerless; safety device; automatic action; rubber grip; simple in construction; reliable in operation; shoots fast and accurate; length of barrel 4 inches; length over all 6 inches; weight 21 ounces.

32 Auto, calibre (7.65) blued .....Each \$45.00



## RECOIL PADS



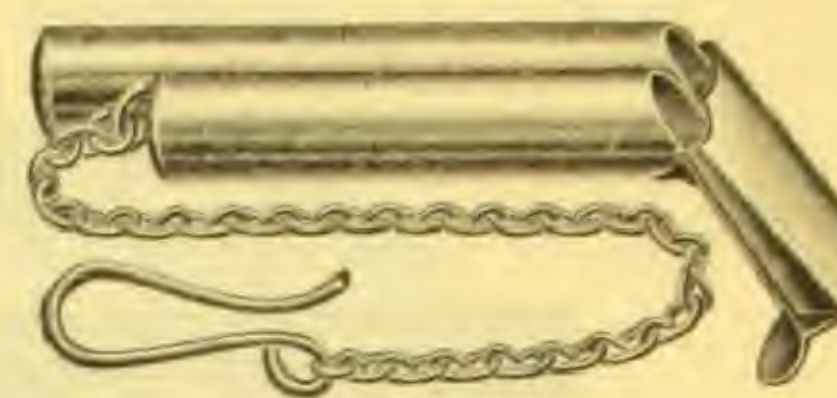
Norka.—Chrome leather, with sponge rubber pad; lace on pattern; neat fitting and comfortable to use.

No 3 for 16 and 20 ga. guns. Each ..... \$3.50  
No 4 for 12 ga. guns. Each ..... \$3.50  
Open stock

## WHISTLES



No. 620.—Echo; nickel plated; ring for chain; length 1½ inches; weight per dozen 7 ounces  
Per dozen ..... \$4.30



No 2.—Universal; nickel plated with chain; length 2½ inches; weight per dozen 8 ounces.  
Per dozen ..... \$7.00

One dozen in a box.

## HUNTING KNIVES



No B803.—Sheffield steel blade; rosewood handle; brass cap and guard; blade suitable for skinning; leather sheath; length of blade 4½ inches; length over all 8 inches; weight each ¼ lbs.  
Each ..... \$3.00



No D621.—Sheffield steel blade; bevelled edge; stag handle; brass shield; length of blade 6 inches; length over all 10 inches; solid leather sheath; weight each 3/8 lb. Each ..... \$2.80



No 45.—Marbles ideal; forged from razor steel hand tempered; keen edge; oval ground point; leather handle with hard fibre and brass guard; with sheath; length of blade 5 inches; weight each ½ lb. Each ..... \$4.80

Half dozen in a box.

## HUNTING AXES



Boy Scout; full polished square head; best grade steel; weight of head 1 lb; length of hickory handle 14 inches; made expressly for scouts and campers. Each ..... \$2.00



No 2.—Marbles safety pocket axe; steel handle; rubber grip; solid steel blade; folding guard; size of blade 4 x 2 3/8 inches; weight each 20 ounces. Each ..... \$6.00



No 5.—Marbles safety pocket axe; hickory handle; solid steel blade; folding guard; size of blade 4 11/16 x 2 3/8 inches; length of handle 10½ inches; weight each 16 ounces. Each ..... \$3.60

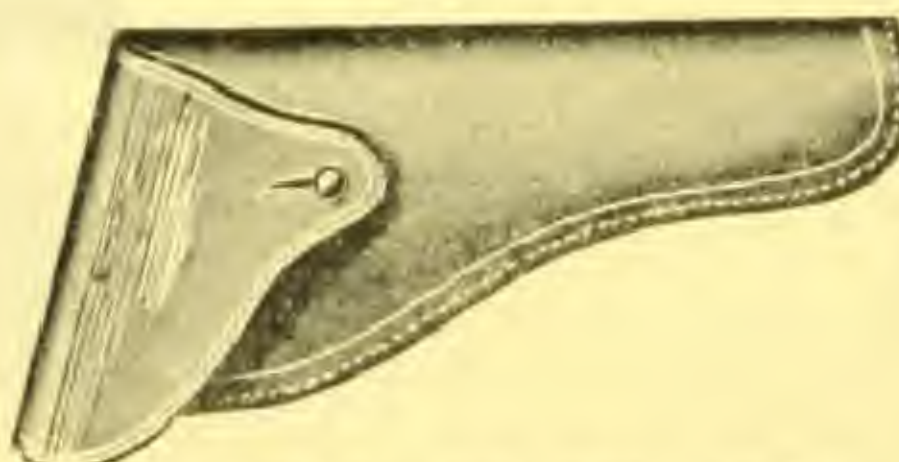
Two in a box.

## AXE SHEATHS



Oak tanned leather; hand sewn; brass button fastener; loops to attach to belt; russet color; for boy scout and hunting axes. Each ..... \$1.60

## HOLSTERS



Oak tanned leather; hand sewn; carefully shaped to fit revolver; specify style and length of barrel when ordering.

32 cal. 3 to 3½ inch barrel. Each ..... \$1.60  
38 cal. 3 to 3½ inch barrel. Each ..... \$1.60  
38 cal. 4 inch barrel. Each ..... \$1.80

Other sizes to order.

## BELTS



No 20.—Cartridge belt; russet leather; width 2 inches; assorted lengths; well stitched; capacity 25 cartridges. Each ..... \$2.40

No 5.—Shot shell belt; russet leather; width 2 inches assorted lengths; without shoulder straps; nickel buckle; each ..... \$2.40

Specify length and kind of ammunition required for.



## Shot



Air rifle shot; in tubes containing 4 ounces; special grade; uniform size;

Per dozen.....\$ 1.70

Per hundred.....\$13.00

One hundred in a box.

## Drop and Chilled Shot, 28

Sizes.....	Ball S.S.G. B.B.	1	2	3	4	5	6	8	10
Diameter, inches.....	.50 .32 .18 .16 .15 .14 .13 .12 .11 .09 .08								
Number in 1 oz.....	9 49 69 82 98 125 159 209 400 842								
Drop, per 100 lbs.....	\$30.40	29.60				28.00			
Chilled, per 100 lbs.....	\$33.40	32.60				31.00			

25 pounds in cloth bag; 20 bags in keg.

## WADS



Cardboard; 1/20 inch thick; for use over shot 12 gauge. Per 1000.....\$ .60

500 in a box.



Felt; 3/4 inch thick; for use between powder and shot; 12 gauge. Per 1000.....\$7.50

250 in a box.

## FUSE



Double tape; for exploding blasting powder; dynamite, etc.; 100 feet in a coil; weight per coil 1 1/2 lbs. Per 1000 feet.....\$27.00

6000 feet in a case.

## GUN COVERS



No. 15.—30 ounce khaki duck; waterproof; leather handle; leatherette binding; for carbines and rifles with solid frames.

Length of barrel, inch.....22 26

Weight per dozen, lbs.....7 8

Per dozen.....\$ 24.00 24.00

No. 30.—Same quality and style as No. 15 but with sling strap;

Length of barrel, inch.....22 26

Weight per dozen, lbs.....9 10

Per dozen.....\$32.00 32.00



No. 125.—30 ounce khaki duck; waterproof; leather handle; full leatherette binding; for take down repeating; single and double barrel guns with 30 inch barrels. Weight per doz 9 lbs. Per dozen.....\$24.00



No. 140.—Extra quality khaki duck; waterproof; heavy leather protection on muzzle and lock; combination leather handle and sling; for guns and rifles with 26 inch barrels; weight per dozen 11 1/2 lbs. Per dozen.....\$50.00



No. 4.—Finest grade russet leather; inside partition; padded leather handle; brass loops for sling strap; hand stitched; waterproof; solid brass lock; a high class case in every way; weight each 2 3/8 lbs. Each.....\$24.00

## SUPPLEMENTAL CHAMBERS



This device permits the use of pistol cartridges in high powered rifles for shot range or target shooting; inserted and ejected with the cartridge as shown in illustration:

Cal. of rifle.....	303 Sav.	303 Brit.	32 Spec
For use with.....	32 S & W	32 S & W	32 Colt
Each.....	\$1.20	1.20	1.20

## SHELL BAGS

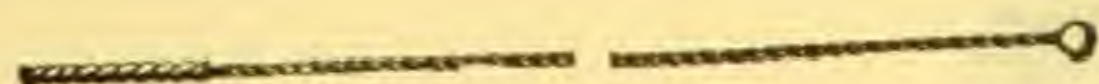


No. 150.—30 ounce khaki duck; size 11 1/2 x 11 1/2 x 2 1/2 inches; with outside pocket; imitation leather binding; weight per dozen 4 lbs. Per dozen.....\$2.50

No. 200.—Size 13 1/2 x 13 1/2 x 3 1/4 inches; otherwise as No 150. Weight per dozen 5 lbs. Per dozen.....\$3.00



## Cleaning Rods



No. 505—Twisted coppered steel wire; loop end; bristle brush. For 22 calibre rifles. Weight per dozen 1 1/4 lb.

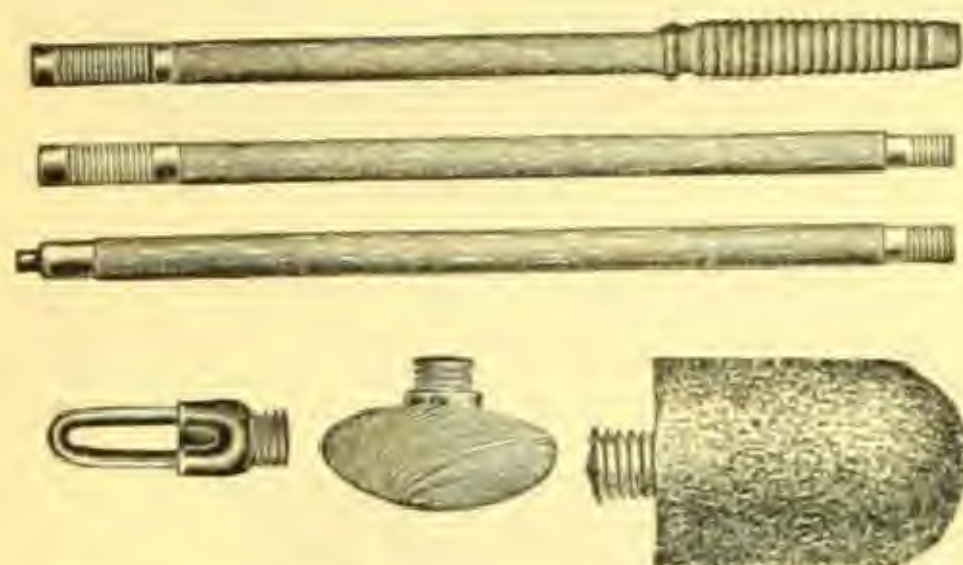
Per dozen ..... \$1 20



No. 141B—Four-jointed brass rod; slotted and jagged end; revolving Cocobolo handle; finely finished; each rod in canvas pocket. Weight per dozen 7 1/2 lbs. For .22, .25, and .32 calibre rifles. (State calibre desired).

Per dozen ..... \$9 00

Dozen in box.



No. 95—Three-jointed rod with wool swab, wire scratch brush and Wiper; birch with brass trimmings and Eureka implements; in 10, 12, 16 and 20 gauge. State gauge desired. Weight per dozen, 5 lbs.

Per dozen ..... \$7 50

## GUN GREASE



Winchester; for cleaning guns and protecting from rust; in 2 oz. collapsible metal tubes. Weight per dozen 2 1/4 lbs.

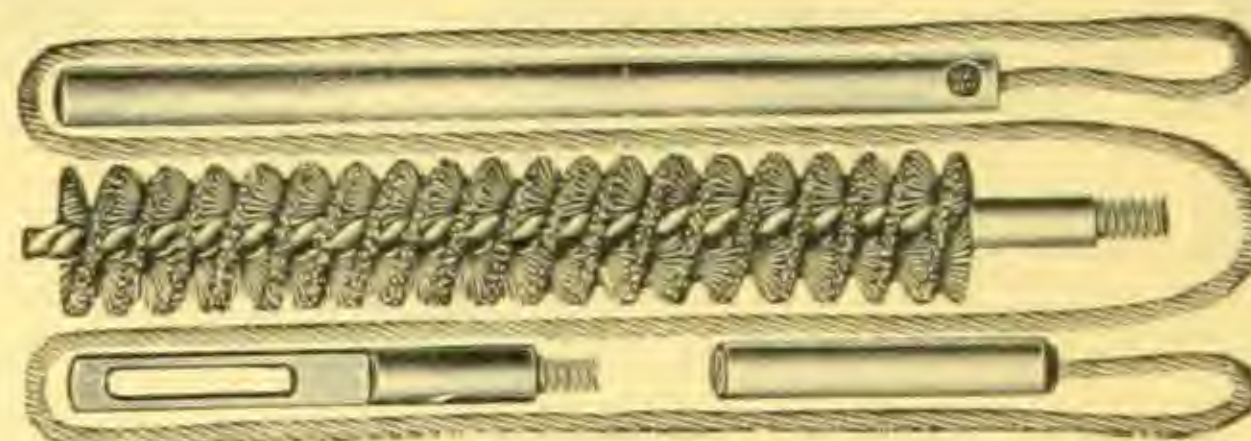
Per dozen ..... \$3 50

Dozen in box.



No. 510—Coppered steel rod; ring handle; slotted end for 22 calibre rifle. Weight per dozen 1 1/4 lb.

Per dozen ..... \$1 20



No. 250—U. S. Government; Pull-Through style; consists of bristle brush with detachable cord and weight for dropping through barrel, and a separate slotted wiper for pulling through a dry cloth or for oiling purposes. For .30, .32, and .38, calibre rifles. Weight per dozen 1 lb.

Per dozen ..... \$4 80

Dozen in box.

## THREE IN ONE OIL



Lubricates, prevents rust, cleans and polishes, suitable for guns, sewing machines, automobile springs and light machinery. Put up in bottles and handy cans with screw spout and screw cap.

Size.....

Capacity.....

Weight per dozen, lbs.....

Per dozen.....

Small Large Factory Handy Can

1 oz. 3 ozs. 1/2 pt. 3 1/2 ozs.

3 1/2 7 16 4

\$2.40 4.80 9.60 4.80

Small size packed 2 dozen, balance 1 dozen in a wooden box.

## Pocket Compasses



No. 8944—Nickel plated brass case; open face; metal dial with degree markings; ring handle; reliable in operation; weight per dozen 14 ozs.

Per dozen ..... \$12 00

Half dozen in a box



No. 19520—Brass case; open face; bevelled glass; divided dial with stop; agate set needle; ring handle; weight per dozen 16 ozs.

Per dozen ..... \$18 00

One in a box.



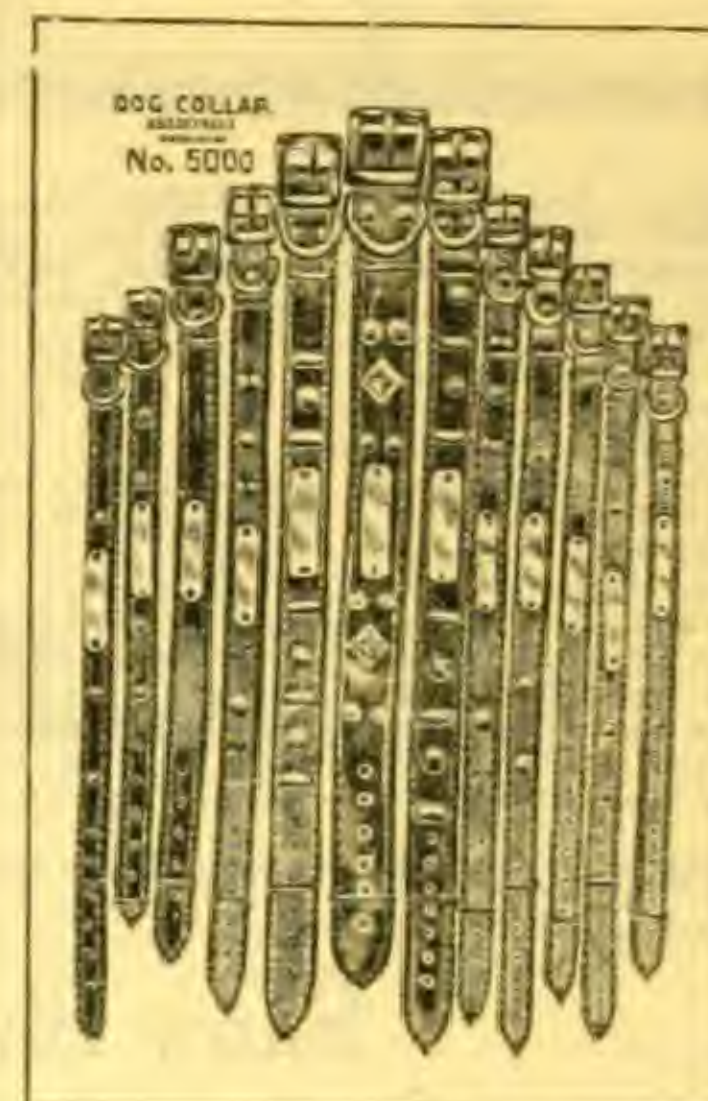
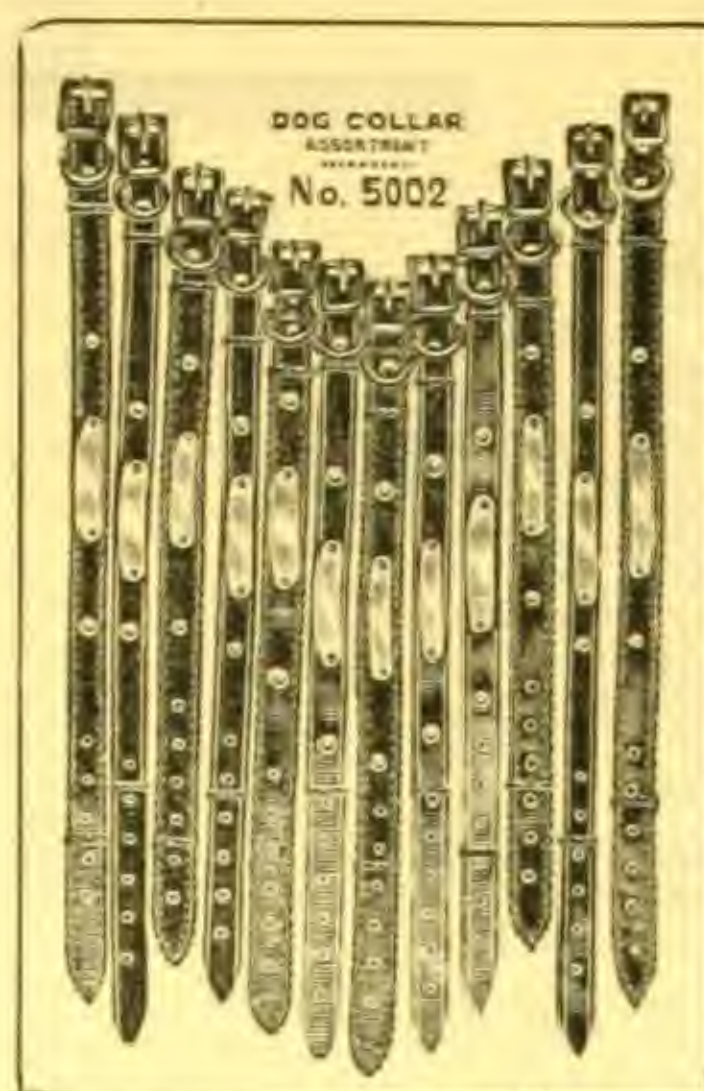
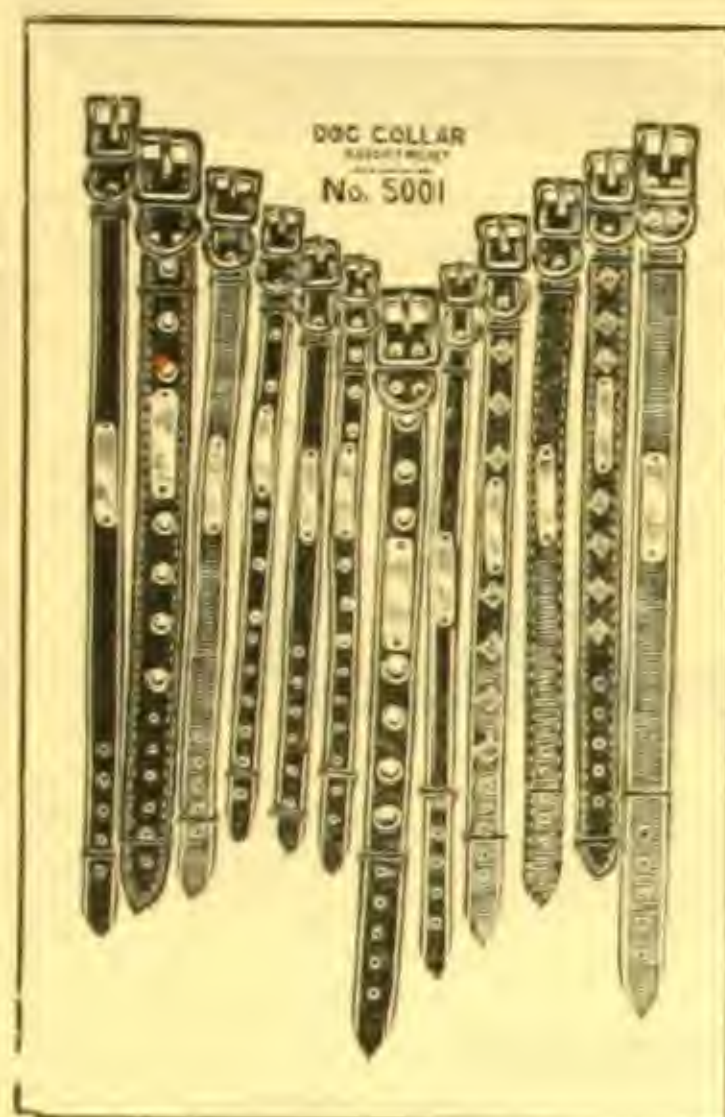
Litenite; white metal case; open floating dial; when the dial settles all points of the compass are easily read; luminous indicator; can be seen at night; stop lock dial when desired; boxed individually. Weight per dozen 14 ozs.

Per dozen ..... \$40 00

One in a box.



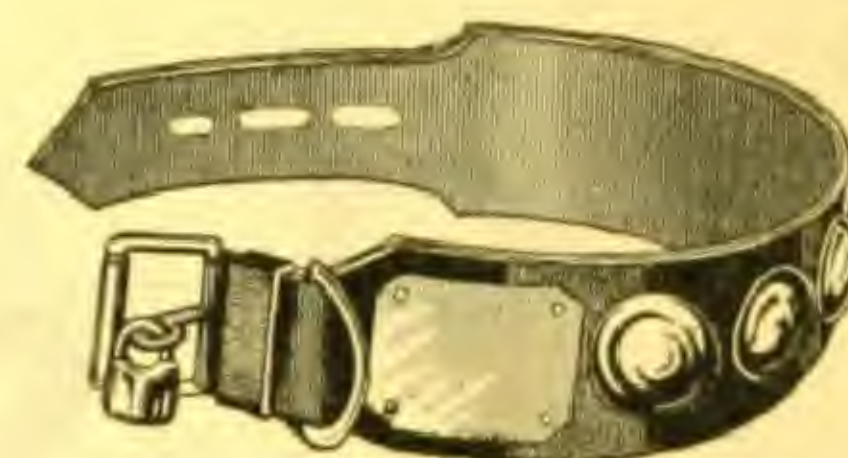
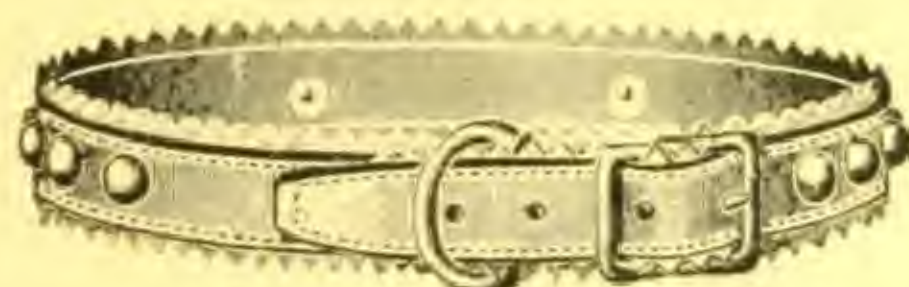
## Dog Collars



No. 5002.—Contains one dozen collars 5/8 inch wide assorted 12 to 16 inches long; all have name plates, lead rings and steel studs; six are felt lined; collars assorted tan, russet and black; nickel plated trimmings; size of card 14 x 22 inches; weight each 7/8 lbs. Per card \$3 20

No. 5001.—Contains one dozen assorted as follows: 4 only 5/8 x 14 to 16 inches; 5 only 3/4 x 14 to 16 inches and 3 only 1 x 16 to 19 inches; nickel plated lead rings, buckles, plates and studs; colors assorted, tan, russet and black. Size of card 14 x 22 inches. Weight each 1 3/8 lbs. Per card \$5 50

No. 5000.—Contains one dozen assorted as follows: 5 only 5/8 x 14 to 16 inches; 4 only 3/4 x 16 to 18 inches; 2 only 1 x 19 inches; and 1 only 1 1/4 x 18 inches; felt lined; assorted brass and nickel plated trimmings; colors green, mahogany, tan and russet. Size of card 14 x 22 inches. Weight each 1 3/8 lbs. Per card \$7 00

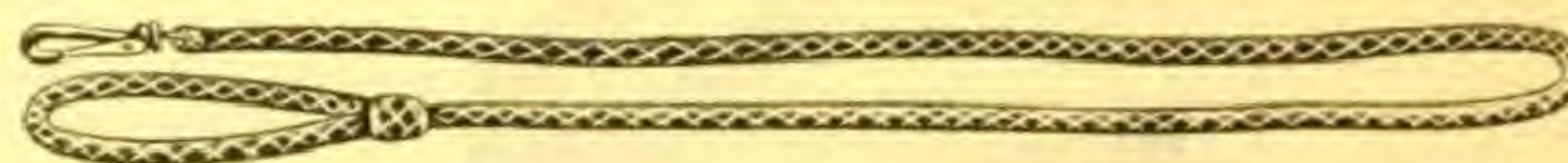


No. 1530.—Width 3/8 inch; assorted lengths 10, 11 1/2 and 13 inches; felt lined; one row round spots; nickel plated trimmings; machine sewn; assorted colors; weight per dozen 1/2 lb. Per dozen \$7 00

No. 113.—Width 3/4 inches; assorted lengths 14, 16 and 18 inches; fine russet leather; round studs and name plate; lock tongue buckle and lead ring; nickel plated trimmings; weight per dozen 1 1/4 lbs. Per dozen \$6 00

No. B 0115.—Width 1 1/4 inches; assorted lengths 14, 16 and 18 inches; black solid leather; name plate and round studs; lock tongue; buckle and lead ring; all trimmings nickel plated; weight per dozen 1 1/2 lbs. Per dozen \$10 80

## Dog Leads



No. 1.—Russet grain leather; width 1/2 inch; length 40 inches; sewn loop; nickelled swivel snap; weight per dozen 1 lb. Per dozen \$4 00

No. 2.—Braided sheep skin leather; four plait; diameter 5/16 inch; length 48 inches; nickelled swivel snap; weight per dozen 1 lb. Per dozen \$10 00

## Dog Collar Locks

No. 106.—Assortment; contains 1/2 dozen 5/8 inch; 1 1/3 dozen 3/4 inch and 1/16 dozen 7/8 inch on attractive display card; nickel plated and polished brass finish; one key to each lock; weight per card 7 ounces. Per card \$6 00

## Dog Chains

Note.—Dog and halter chains are listed on another page. Please refer to index for page number.



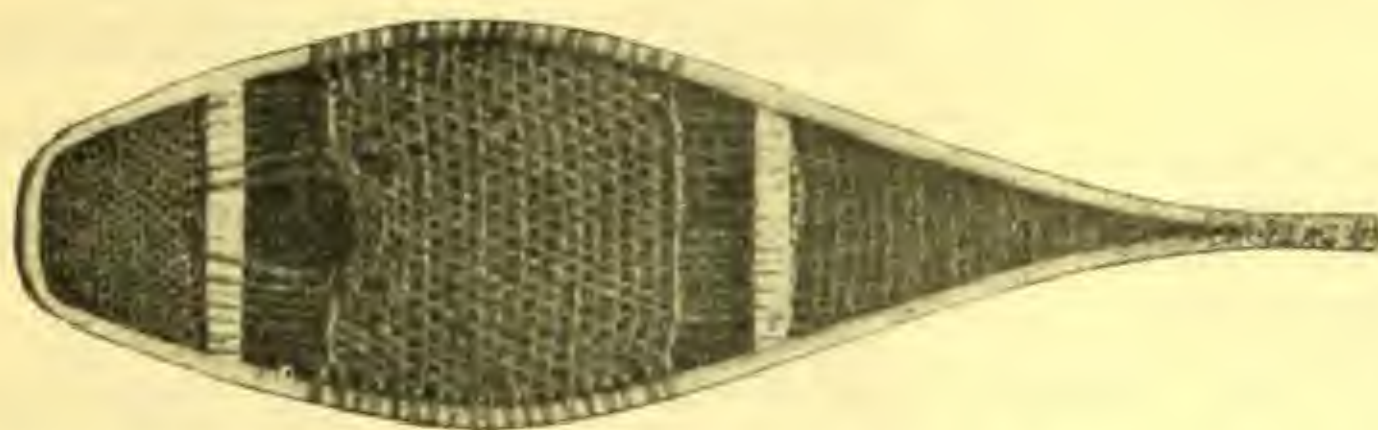
## Hockey Sticks



Junior Special; Juvenile; 33 inch handle; rock elm. Per dozen	\$ 2.50
Kids; Juvenile; 36 inches handle; rock elm. Per dozen	\$ 4.00
Boys Painted; Boys; seasoned rock elm; painted red; bevelled blade. Per dozen	\$ 6.00
Boys Expert; Boys; seasoned rock elm; bevelled blade. Per dozen	\$ 8.00
Practice; Mens; seasoned rock elm; bevelled blade; second quality. Per dozen	\$10.00
Amateur; Mens; seasoned rock elm; bevelled blade; selected. Per dozen	\$13.00
Rover Forward; Mens; seasoned rock elm; bevelled blade; first quality. Per dozen	\$15.00
Rover Defence; Mens; seasoned rock elm; bevelled blade; first quality. Per dozen	\$16.00
Vics Special Forward; Mens; second growth timber; labelled; first quality. Per dozen	\$22.00
Vics Special Defence; Mens; second growth timber; labelled; first quality. Per dozen	\$23.00
Hockey King Forward; mens; straight grained; air season stock; first quality. Per dozen	\$20.00
Hockey King Defence; mens; straight grained; air season stock; first quality. Per dozen	\$21.00
Indian hand made; mens; straight grained; hand made; first quality. Per dozen	\$20.00
Hand made Forward; mens; hand made; pinned; high grade. Per dozen	\$24.00
Hand made Defence; mens; hand made; pinned; high grade. Per dozen	\$25.00
Hand made Extra Special; mens; hand made; pinned; extra quality. Per dozen	\$26.00
Standard Goal; Mens; two pieces; built on; first quality. Per dozen	\$28.00
Three piece Goal; Mens; three piece; built on; first quality. Per dozen	\$36.00

NOTE.—Lengths and weights are not uniform and for that reason are not given above.

## Snow Shoes



Selected hardwood frame; well seasoned correctly shaped; best quality gut.

Number	Size	Weight, lbs.	Per pair.
Boys	10 x 33	2 3/4	\$ P. O. A.
Ladies	11 x 36	3	\$ P. O. A.
Mens	12 x 42	3 1/2	\$ P. O. A.
Shanty	16 x 42	4 1/2	\$ P. O. A.

Open stock.

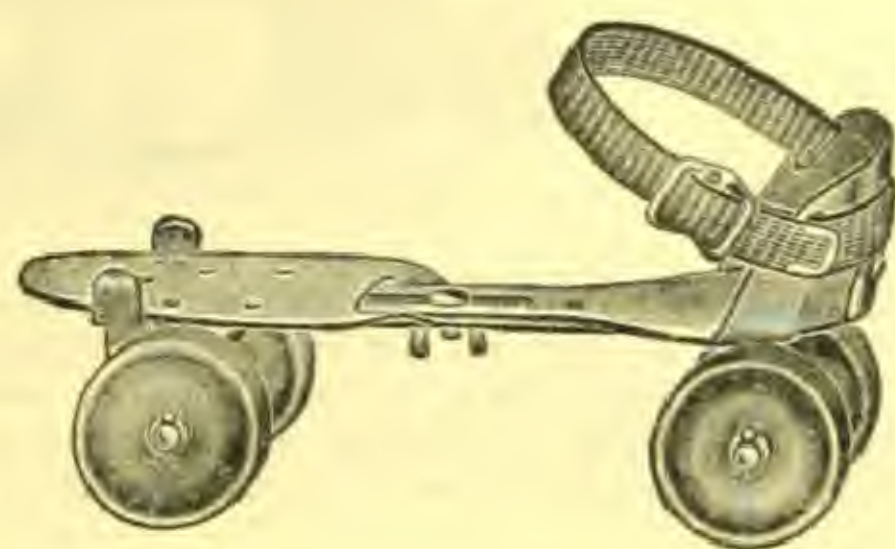
## Toboggans



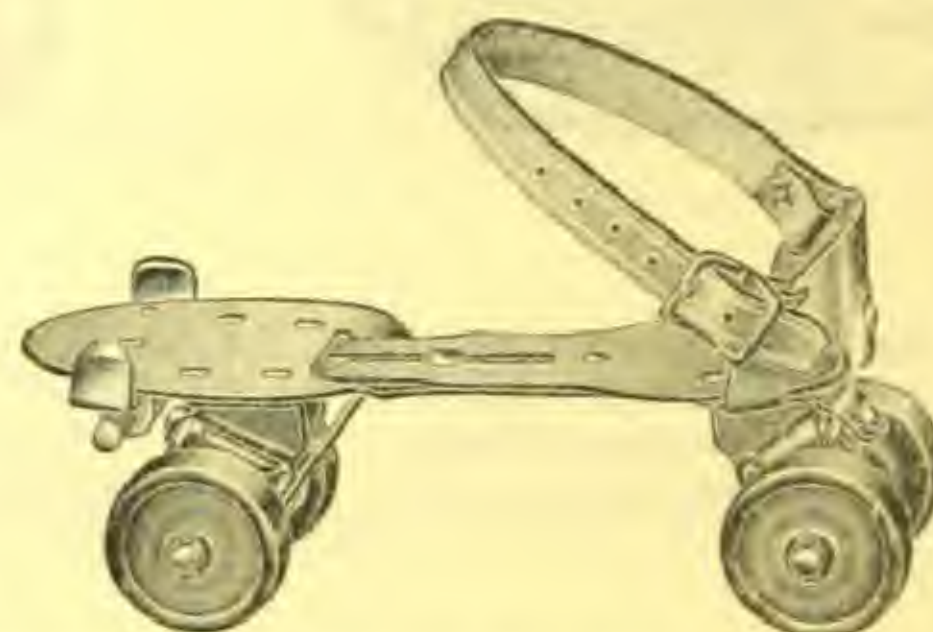
Select birch; 5 1/16 inch thick; screwed to crossbars from underneath; "V" joint; square head; rope handles; nicely finished; strongly made

Length, feet.	5	6	7	8
No. 1 Plain. Each				\$ P. O. A.
No. 2—With runners. Each				\$ P. O. A.

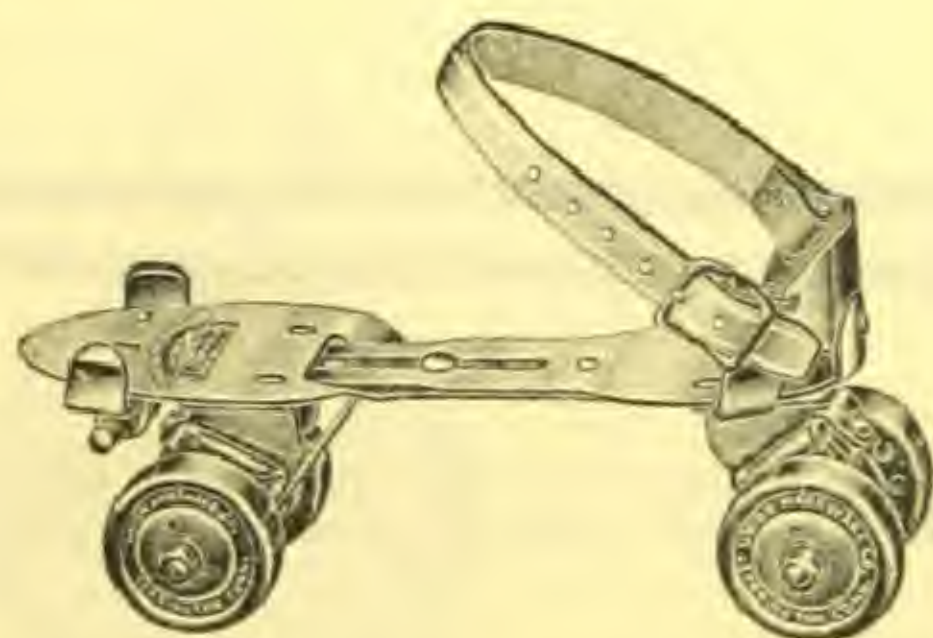
## Roller Skates



No. 3.—For Boys and Girls; steel tops with toe clamps; high steel heel; web strap; pressed steel wheels; adjustable from 7 1/2 to 9 1/2 inches; weight per pair 2 1/2 lbs. Per pair \$2.00

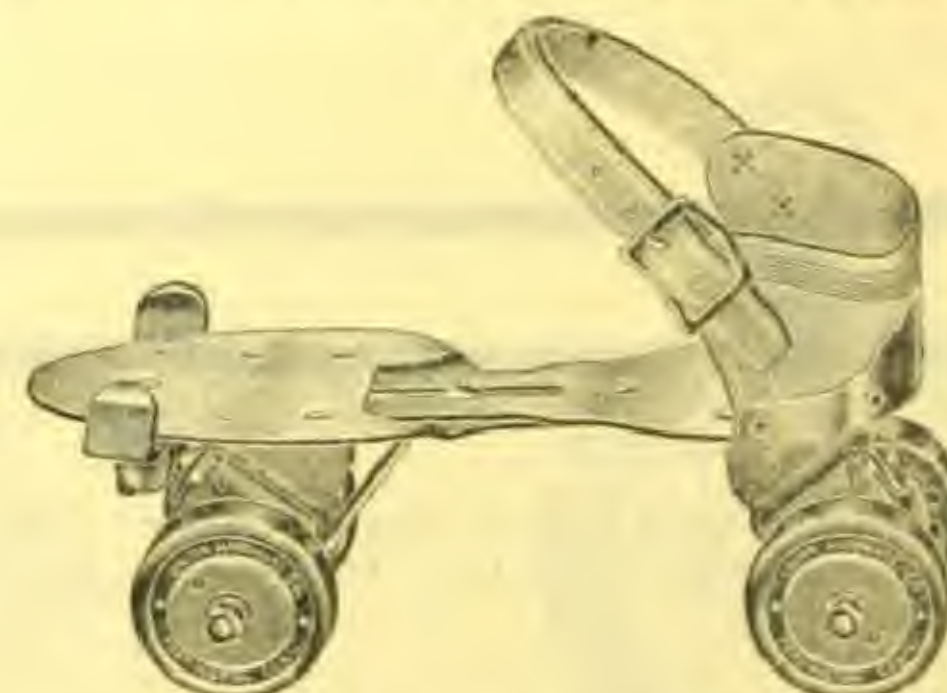


No. 10.—For Boys and Girls; rolled steel throughout; oscillating trucks with rubber cushions; easily adjusted; toe clamps and high heel; leather strap; adjusts from 7 1/2 to 10 inches; weight per pair 2 3/4 lbs. Per pair \$3.00



No. 5.—For Men; ball bearing; steel construction; adjustable from 8 1/2 to 10 1/2 inches; toe clamps and high heel; leather strap; oscillating trucks; rubber cushions; will turn in a three-foot circle; weight per pair 3 1/4 lbs. Per pair \$4.00

One pair in a package



No. 6.—For Women; ball bearing; steel construction; adjustable from 7 1/2 to 10 inches; oscillating trucks; rubber cushions; will turn in a three foot circle; leather heel and strap; toe clamps; weight per pair 3 lbs. Per pair \$4.50

## EXTRA PARTS FOR ROLLER SKATES

Steel wheels. Per dozen	\$1.30	Keys. Per dozen	\$ .80
Axles. Per dozen	\$2.50	Bolts and Nuts. Per dozen	\$ .50



# Starr Ice Skates



No. 184—Glacier; flanged runners; special quality steel blades; nickel plated on copper; highly polished; rivetted brackets; light and strong; beautiful design; for pleasure and speed. Sizes 8½ to 10½ inches.  
Per pair..... \$4.90



No. 194—Regis; plain runner; special steel; nickel plated on copper; highly polished; rolled steel tops; rivetted brackets; graceful design; strong and handsome; sizes 8 to 10½ inches.  
Per pair..... \$4.20



No. 162—Beaver; curved blades; flanged; high grade steel; rivetted bracket tops; nickel plated on copper and highly polished throughout; handsome in appearance and of durable quality; sizes 8 to 11½ inches.  
Per pair..... \$4.20



No. 173—Climax; straight plain blades; highly tempered; special grade steel; rivetted brackets; rolled steel tops; nickel plated on copper and highly polished; very strong and of graceful design. Sizes 9 to 11½ inches.  
Per pair..... \$4.90



No. 156—Acadia; curved blade; plain pattern; rivetted bracket tops of rolled steel; polished nickel runners; dull nickel tops; sizes 8 to 10½ inches.  
Per pair..... \$2.46



No. 154—Bulldog; straight pattern blade; with puck stop; solid steel runners and rolled steel tops; securely fastened with rivetted brackets; full nickel plated on copper; a sturdy skate that will give good service; sizes 8 to 11½ inches.  
Per pair..... \$2.46

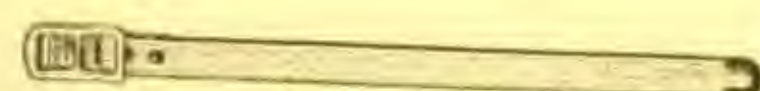


No. 190—Tube; highly tempered cast steel blades; round brazed tubes; bracketted front; securely fastened top plates; a light, fast and strong skate; aluminum finish; sizes 9 to 11½ inches.  
Per pair..... \$7.00



No. 150—Demon; straight blade; double end style; two piece heel and toe plates; rivetted brackets; no puck stop; high grade steel runners; full nickel plated on copper; a serviceable skate at a moderate price, sizes 8 to 11½ inches.  
Per pair..... \$2.10

## SKATE STRAPS

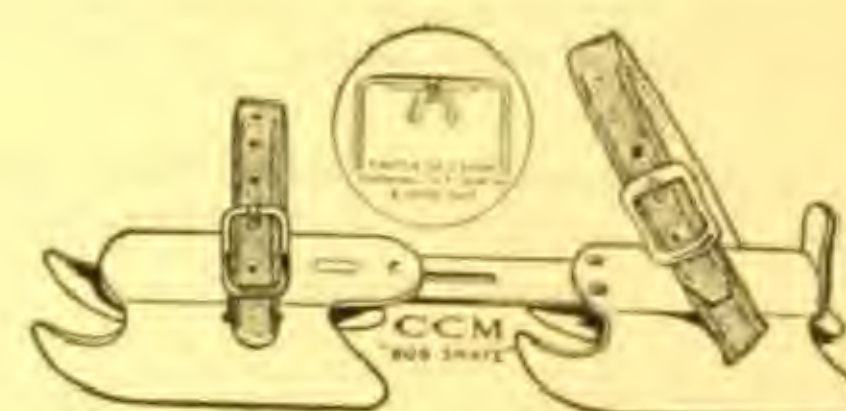


Solid Russet Leather; best quality; rivetted; japanned buckle with keeper; width ½ inch.  
Length, inches..... 21 24 30  
Per dozen pairs..... \$2.50 3.00 3.60  
One dozen pairs in a bundle.

## ANKLE SUPPORTS



Sheep Skin Leather; soft and snug fitting; sizes 4 to 9 inches; weight per dozen pairs 1½ lbs.  
Per dozen in pairs..... \$6.00  
One dozen pairs in a package.



Bobbs; cold rolled steel; double runners; plain finish; adjustable in length from 6 to 9 inches by thumb screw; heel and toe straps; weight per dozen pair 1¼ lb.  
Per pair..... \$ .72  
One pair in a package.

## HOCKEY PUCKS

No. 10—Juvenile; size 2½ x ¾ inches; solid rubber; weight per dozen 3 lbs.  
Per dozen..... \$2.00  
No. 11—Regulation; size 3 x 1 inches; solid rubber; weight per dozen 5 lbs.  
Per dozen..... \$3.80  
One in a carton; dozen in a box.



## Sleighs



**Speedy.**—Straight runner; round steel shoes; hardwood, natural and painted finish; size 26 x 10 inches; weight 5 lbs. Each \$ .70  
**Flyer.**—Size 33 x 11 inches; weight 7 lbs; otherwise as speedy. Each \$1.00  
**Winner.**—Size 36 x 11 inches; weight 8 lbs; otherwise as speedy. Each \$1.17



**Racer.**—Straight runner; hardwood throughout; round steel shoes; two hand holes; strongly made and nicely finished in natural and enamel; size 39 x 12 inches; weight 9 lbs. Each \$1.30



**Comet.**—Curved point runners; hardwood; round steel shoes; painted seat; varnished runners; two hand holes; size 39 x 12 inches; weight 9 lbs. Each \$1.92



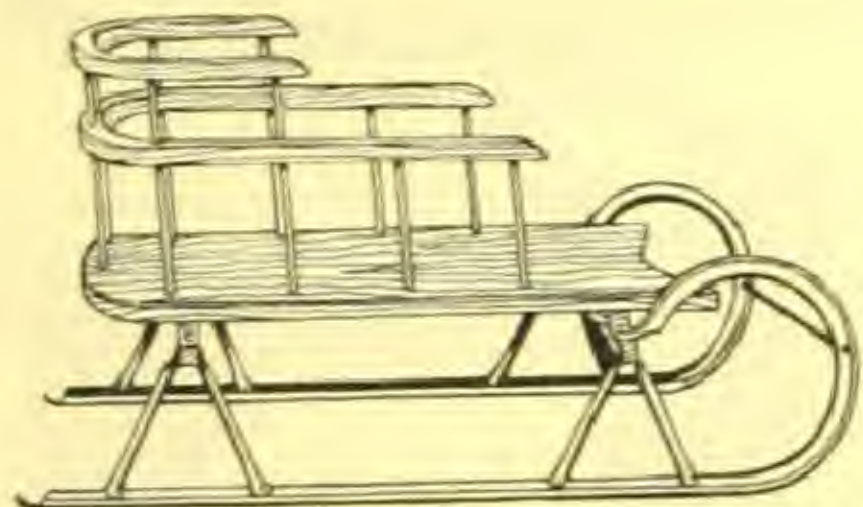
**Dandy.**—Straight runner; round steel shoes; side rail; natural and enamel finish; size 39 x 12 inches; weight 9 lbs. Each \$2.00

**Star.**—Curved point runners; size 42 x 2 inches; weight 10 lbs. Otherwise as Dandy. Each \$2.25



**Fleetwing coaster;** runners of  $\frac{1}{2}$  inch tee steel; steel knees; hardwood top and holsters; finished in natural and red enamel; sizes as below.

Number	Size, inches	Weight, lbs	Each
84	30 x 12 x 6	5 $\frac{1}{4}$	\$3.08
85	33 x 12 x 6	6	\$3.64
86	36 x 12 x 6	6 $\frac{1}{4}$	\$4.20
87	40 x 12 x 6	7	\$5.18
88	45 x 13 x 6	8 $\frac{1}{2}$	\$5.88



**No. 22.**—Rail Sleigh;  $\frac{5}{8}$  inch tee steel runners; hardwood body and rails; strongly made and nicely finished white enamel; size 30 x 12 inches; weight 9 lbs. Each \$5.46

**No. 18.**—Rail sleigh; round steel runners; varnished finish; otherwise as No. 22. Weight 10 lbs. Each \$4.90

Two in a bundle.



**No. 7.**—Baby Cutter; bent stationary handle; well braced tee steel runners; white enamelled wood body; size of body 32 x 12 x 14 inches; length of runners 32 inches weight crated 23 lbs. Each \$12.20

One in a crate.



**No. 48 S.**—High curved runners with scroll points; round steel shoes; two hand holes; nicely finished in natural grain and enamel with decorations; size 48 x 12 inches; weight 13 $\frac{1}{2}$  lbs. Each \$4.48



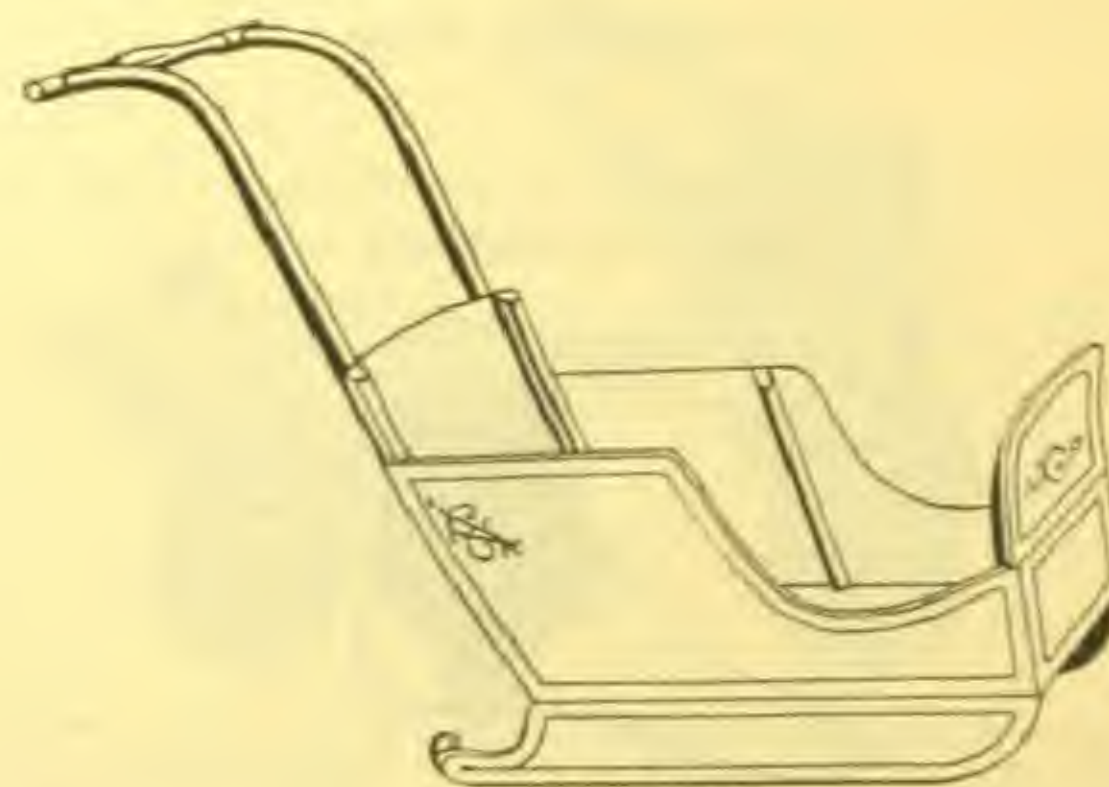
**No. 71.**—Bob sled; tee steel runners and knees, hardwood holsters, top and steering bar; rivetted joints; varnished body, red enamel metal parts; easy to steer and sturdily built; size 44 x 14 x 6 inches; weight 11 lbs. Each \$8.68



**No. 52.**—Girls sled; tee steel runners; steel knees; wood holster and top; rivetted joints; nicely finished and hand decorated; size 30 x 11 x 6 $\frac{1}{2}$  inches; weight 4 $\frac{1}{2}$  lbs. Each \$3.08

**No. 53.**—Size 34 x 11 x 6 $\frac{1}{2}$  inches, weight 5 lbs. Each \$3.70

Two in a bundle.



**No. 6.**—Baby sled; bent stationary handle; maple runners with round steel shoes screwed on; strong, rooming and comfortable; white enamel finish; size of box over all 31 x 16 inches; weight crated 25 lbs. Each \$16.80

One in a crate.



## Oneida Game Traps



JUMP

Jump; with chain; single spring; light to carry; sets in a small space; dependable game holders.

Number	0	1	1½	2	3	4
For trapping	Weasel Rat	Rat Skunk	Mink Skunk	Fox Coon	Otter Beaver	Badger Beaver
Jaw spread, inches	4	4¾	5¼	5¾	6¾	7½
Weight per dozen, lbs.	5½	8	9½	14	22	27
Per dozen	\$5.40	6.10	8.70	13.40	18.00	21.30

Open Stock

VICTOR; with chain; single and double spring as below; each trap guaranteed.

Number	0	1	1½	2	3	4
For trapping	Weasel Rat	Rat Skunk	Mink Skunk	Fox Coon	Otter Beaver	Badger Beaver
Jaw spread, inches	3½	4	4¾	4¾	5¼	5¾
Springs	Single	Single	Single	Double	Double	Double
Weight per dozen, lbs.	5	7¼	10¼	13¼	21¼	24¼
Per dozen	\$ 4.00	4.60	7.30	9.90	16.70	20.30



VICTOR



BEAR



SETTING CLAMPS



NEWHOUSE

No. 50—Newhouse; for mountain lion or small black bear; heavy jaws with teeth; double spring; length of chain 17 inches; spread of jaws 9½ inches; weight each 11 lbs.

Each ..... \$21.30

No. 5—Newhouse; the standard trap for black bear; extra heavy jaws and chain; jaws with teeth; spread of jaws 11¾ inches. Weight each 19½ lbs.

Each ..... \$30.60

No. 5—Newhouse setting clamps; for setting all large steel traps; malleable frame; wrought steel screw; cut thread; size of opening 4½ inches; weight each ¾ lbs.

Each ..... \$1.50

Note.—One clamp as above furnished free with each No. 5 Newhouse bear trap.

Newhouse; single and double spring as below; with chain; a strong, well made trap; and used extensively by professional trappers; guaranteed.

Number	1	1½	2
For trapping	Rat	Mink	Fox
Jaw spread, inches	4	4¾	4¾
Springs	Single	Single	Double
Weight per dozen, lbs.	9	14	17
Per dozen	\$13.40	20.00	30.00

Number	3	4
For trapping	Otter	Beaver
Jaw spread, inches	5¾	6¾
Springs	Double	Double
Weight per dozen, lbs.	28¾	38¼
Per dozen	\$49.00	46.80



GIANT

No. 1—Giant Victor; single spring; with chain; large plate; wide spread jaws; strong chain; for trapping skunk, mink, and fisher; spread of jaws 4½ inches; weight per dozen 8½ lbs.

Per dozen ..... \$ 6.10

No. 91—Double grip Victor; with chain; single spring; for trapping mink or muskrat; catches high and prevents chewing out; spread of jaws 4¾ inches; weight per dozen 8 lbs.

Per dozen ..... \$ 7.50

No. 91½—Double grip Victor; with chain; single spring; for trapping skunk or fisher; spread of jaws 5¾ inches; weight per dozen, 12 lbs.

Per dozen ..... \$10.70



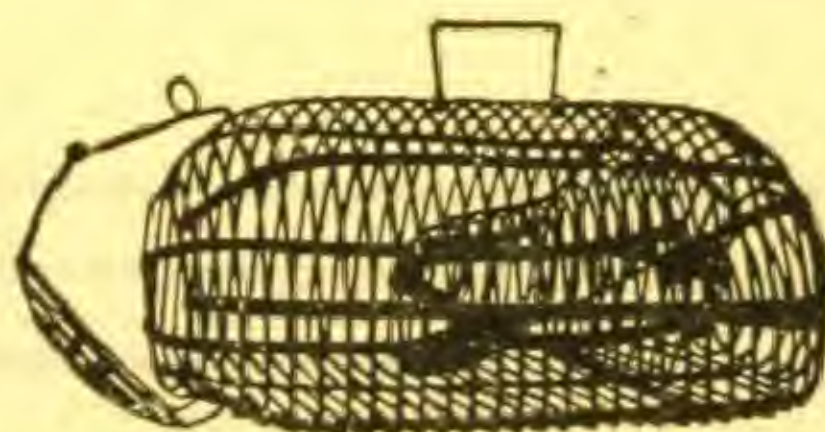
DOUBLE GRIP

## Mouse and Rat Traps



Victor; Mouse trap; hardwood base; coppered steel spring; metal plate; size 4 x 2 inches; weight per dozen 10 ozs. Per dozen ..... \$ .60

Victor; Rat trap; size 7 x 3¼ inches; weight per dozen 4 lbs.; otherwise as above. Per dozen ..... \$2.50



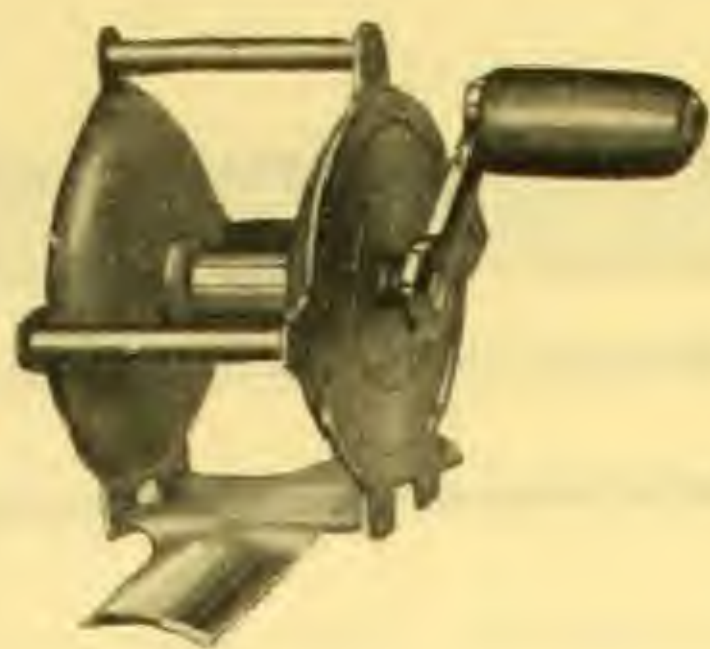
French; Rat trap; cage pattern; coppered steel wire; size 16 x 8 x 6½ inches; weight per dozen 20 lbs. Per dozen ..... \$18.50



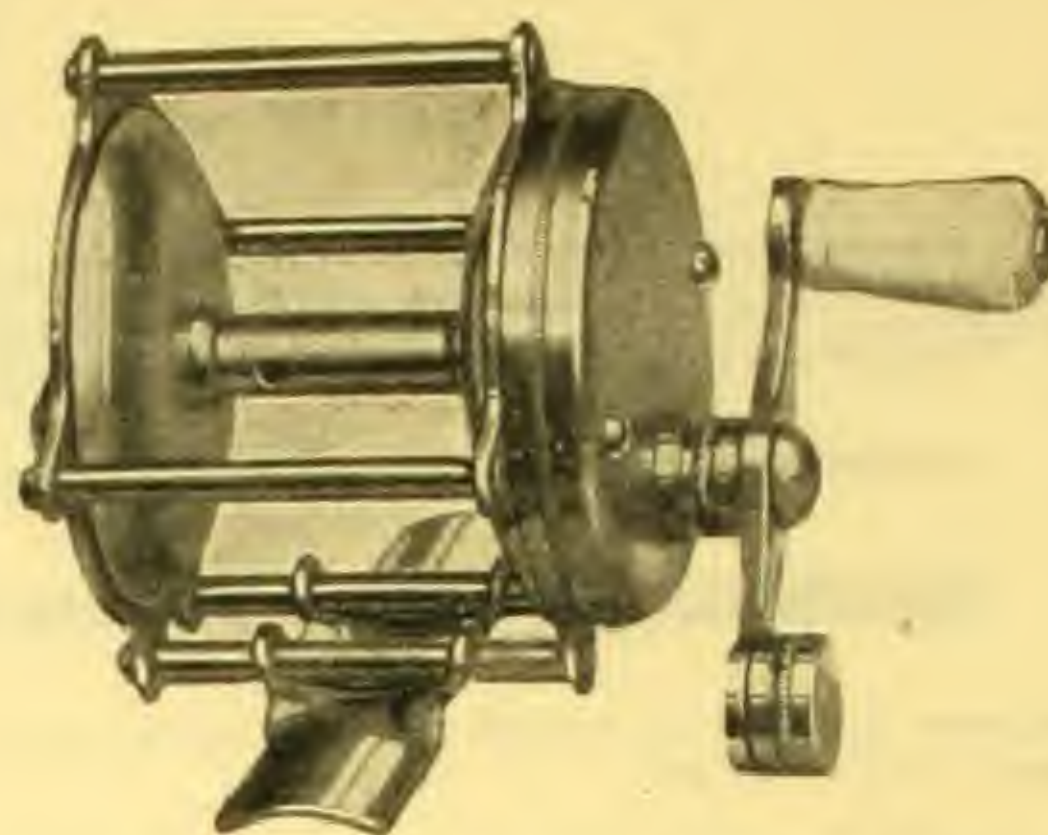
Choker; Mouse trap; stained wood base; coppered springs; four hole; diameter 4½ inches; weight per dozen 3 lbs. Per dozen ..... \$2.70



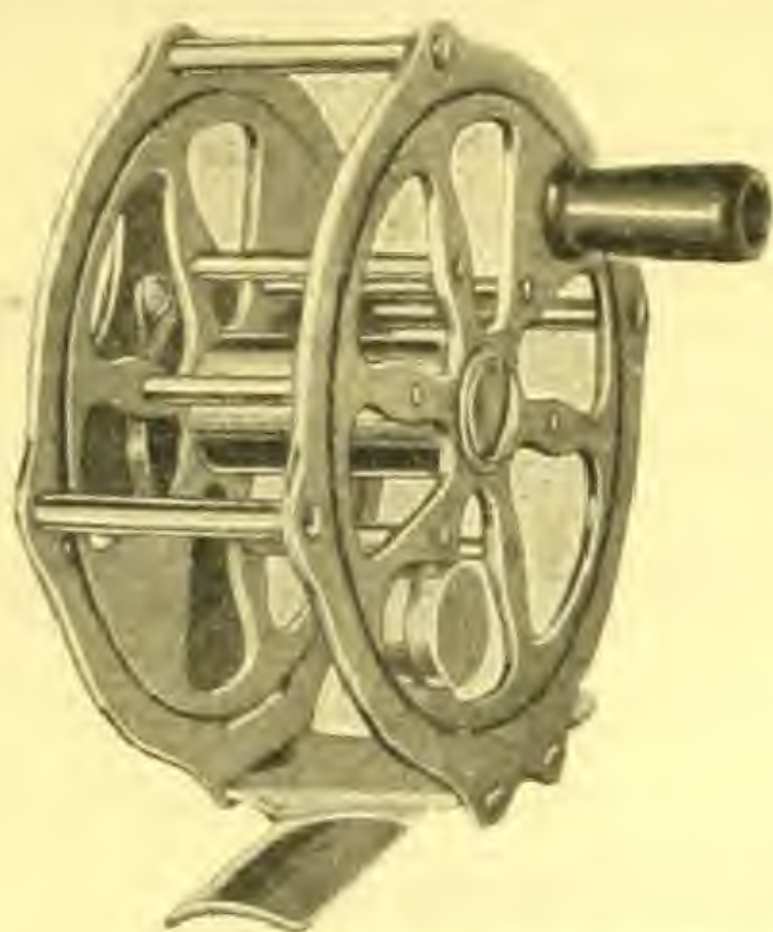
## Fishing Rod Reels



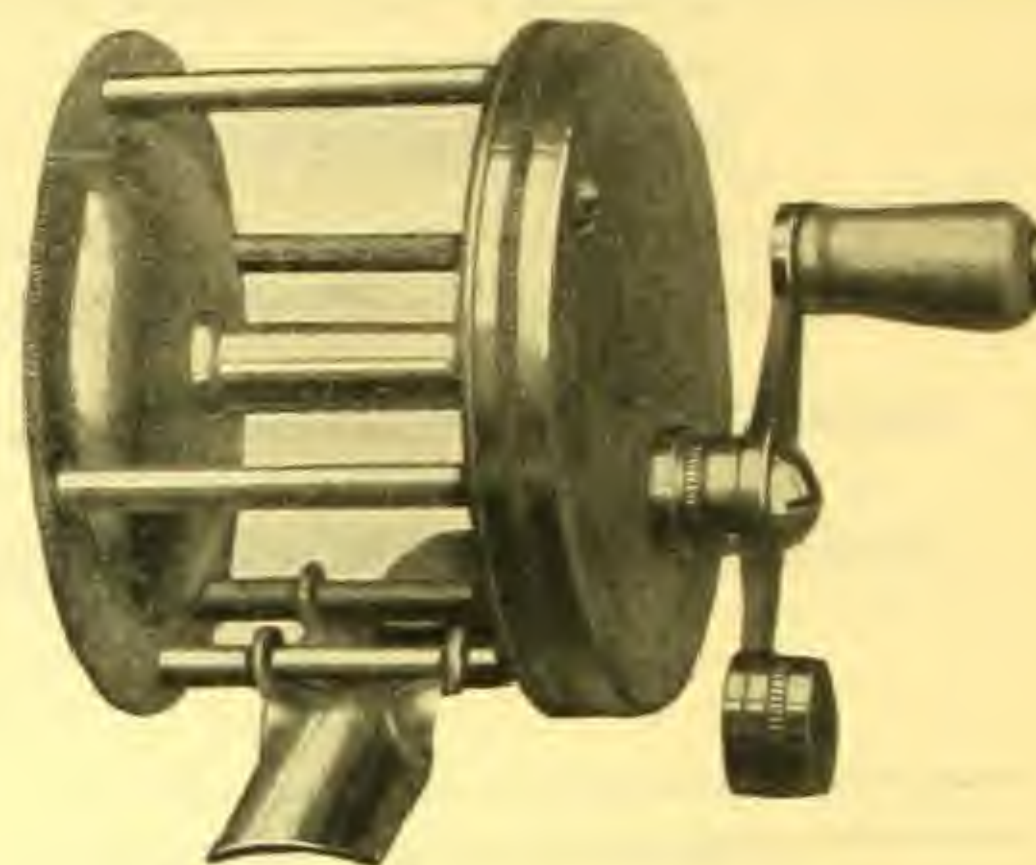
No. 102.—Capacity 25 yards; single action; all brass; no click; improved one piece cross plate which gives extra strength; diameter of disc  $1\frac{1}{4}$  inches; length of pillar 1 inch; weight per dozen  $1\frac{1}{2}$  lbs. Per dozen \$7.20  
 No. 204.—Capacity 40 yards; similar to above but with permanent click; weight per dozen  $1\frac{1}{4}$  lbs. Per dozen \$10.80  
 Half dozen in a box.



No. 4904.—Capacity 40 yards; double action; brass with polished nickel finish; adjustable drag and click; bone handle; diameter of disc 2 inches; length of pillar 1 inch; weight per dozen  $4\frac{1}{2}$  lbs. Per dozen \$27.50  
 No. 4906.—Capacity 60 yards; length of pillar  $1\frac{1}{2}$  inches; weight per dozen 5 lbs; otherwise as No. 4904. Per dozen \$32.40  
 One in a box.

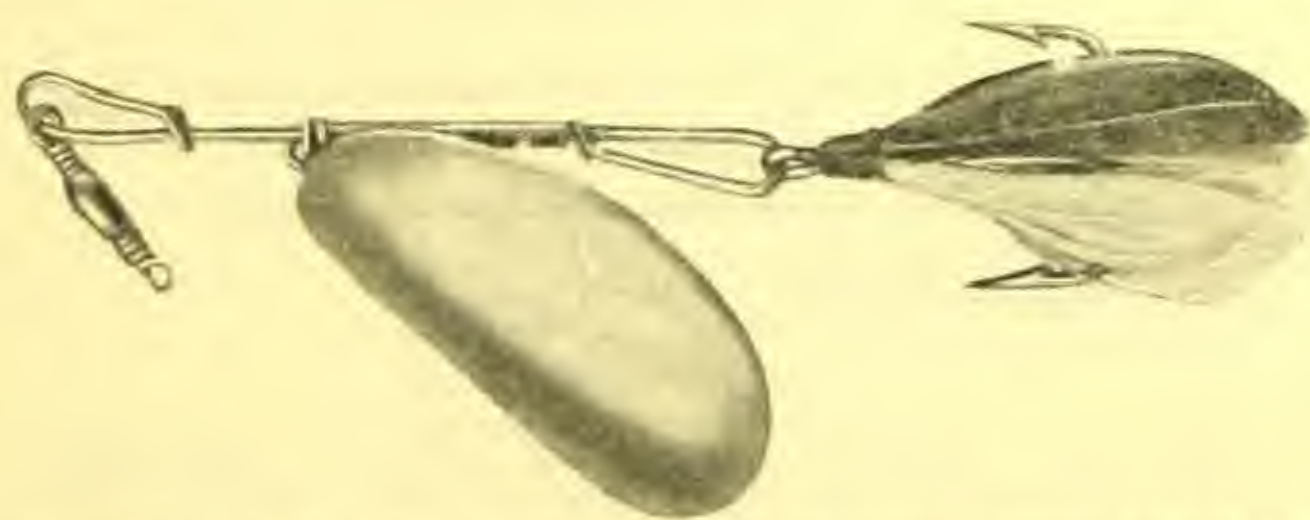


No. 1196.—Capacity 40 yards; single action; light weight; brass throughout; polished nickel finish adjustable click; diameter of disc  $2\frac{1}{2}$  inches; length of pillar  $\frac{3}{4}$  inch; weight per dozen  $1\frac{1}{2}$  lbs. Per dozen \$38.40  
 One in a box.



No. 924.—Capacity 60 yards; double action; nickel plated brass; sturdy construction; adjustable drag and click; diameter of disc 2 inches; length of pillar  $1\frac{1}{2}$  inches; weight per dozen 5 lbs. Per dozen \$38.40  
 One in a box.

## SPOON BAITS



KIDNEY; brass swivel and lead; triple hook; red concave spoon with nickel convex.  
 Size, numbers: 2, 3, 4  
 Size of spoon, inches:  $2\frac{11}{32} \times 1\frac{5}{32}$ ,  $2 \times 1$ ,  $1\frac{7}{16} \times 2\frac{3}{32}$   
 Number of hook: 4/0, 2/0, 1  
 Per dozen: \$6.50, 6.00, 5.00



GOLD BOWL; brass swivel and lead; spoon has red concave with upper convex nickel and lower convex gold plated.  
 Size, numbers: 1, 2, 3  
 Size of spoon, inches:  $2\frac{3}{16} \times 1\frac{1}{4}$ ,  $1\frac{7}{8} \times 1\frac{1}{16}$ ,  $1\frac{5}{8} \times \frac{7}{8}$   
 Number of hook: 4/0, 2/0, 1  
 Per dozen: \$8.00, 7.30, 7.00



MUSKALLONGE; brass swivel and lead; spoon has red concave and nickel convex.  
 Size, numbers: 1/0, 2/0  
 Size of spoon, inches:  $3\frac{1}{2} \times 1\frac{21}{32}$ ,  $3\frac{11}{16} \times 1\frac{7}{8}$   
 Number of hook: 7/0, 7/0  
 Per dozen: \$12.00, 13.00



WILLOW LEAF; brass swivel and lead; narrow spoon with red concave and nickel convex.  
 Size, numbers: 3, 4, 5  
 Size of spoon, inches:  $2\frac{7}{8} \times 1\frac{5}{16}$ ,  $2\frac{5}{8} \times \frac{7}{8}$ ,  $2\frac{5}{16} \times \frac{3}{4}$   
 Number of hook: 4/0, 2/0, 1  
 Per dozen: \$6.50, 6.50, 5.50

One dozen in a box

## EUREKA BAIT ASSORTMENT

No. 8948 — Six popular baits, on a card, one each of the following numbers; No. 4 Gold Bowl, No. 4 Fluted, No.  $3\frac{1}{2}$  Kidney, No.  $4\frac{1}{2}$  Fluted, No. 6 Willow Leaf and No. 4 Fluted.  
 Per assortment \$2.70



# Landing Nets



No. 18/15/14.—Plain ring; diameter 14 inches; one piece bamboo handle 4 feet long; brass fittings; good quality mesh nets; weight each 7/8 lb. Each \$ 2.20



No. 17/198/14.—Four fold collapsible frame; two piece bamboo handle; brass ferrules; diameter 14 inches; length of handle extended 4 feet; fine quality minnow mesh net; weight each 1 lb. Each \$ 4.50

## BASS FLIES



UNITY BRAND; size of hook No. 3/0; selected materials; untarnishable tinsel; first class workmanship; double gut hooks; length of gut 9 inches; assorted as follows Silver Doctor, Coachman, Brown Hackle, Professor, Red Hackle; one on a card. Per dozen \$ 3.50

## TROUT FLIES



UNITY BRAND; size of hook No. 6; single gut; length of gut 4 1/2 inches; best of materials used by expert workmen in the making of this brand assorted as follows: Montreal, King of Water, Coachman, Par Belle, Silver Doctor, Professor, Red Palmer, Brown Hackle, Admiral, Cow Dung, Blue Bottle, Zulu, Ibis.  
No. 450 C.—One dozen in window envelope. Per dozen \$ 1.30  
No. 480 B.—One dozen on card. Per dozen \$ 2.00

## TANGO BAITS



TANGO.—A weedless, floating, bait for trout, pike, bass, muskallonge, etc.; celluloid finish; bright permanent colors; the liveliest bait that floats, and an attractive lure at all times; the assortment contains two each of the regular, junior, S.O.S. and midget models in display box; weight 3/4 lb. Per assortment \$10.50

## SPINNERS



ARCHER SPINNERS.—For live bait; three triple hooks; wire heads; nickel plated blades to grip and revolve the minnow; swivel connection.  
Pike Per dozen \$14.40  
Salmon Per dozen \$12.00

## MINNOWS



DEVON MINNOWS.—Metal body; silvered finish; revolving; double gut lead line; four triple hooks  
Length, inches 2, 2 1/4, 2 1/2  
Per dozen \$12.80, 14.00, 14.80



No. 12.—Wood body minnows; glass eyes; spinner attachments; three detachable triple hooks; well shaped and beautifully finished; length of body 3 inches; assorted colors. Per dozen \$18.00  
One in a box.



PHANTOM MINNOWS.—Imitation of live minnows; assorted combinations of permanent colors; well made and durable; selected gut used on the hooks; three triple hooks; revolving blades; swivel connection:  
Number 3 4 5 6 7  
Length, inches 3 3 1/4 3 1/2 4 4 1/2  
Per dozen \$16.00 16.00 16.00 18.00 20.00



## Fish Lines



**Faultless**; enamelled silk; braided; highest grade silk; high glossy finish; transparent enamel; flexible, durable and strong; brown color; 25 yards on a card; four cards in a box.

Size.....	G.	H.
Test, lbs.....	24	18
Each.....	\$3.00	2.70



**Yukon**; enamelled silk; hard braided from pure Japan silk; transparent enamel finish showing black and white the natural color of the silk strands; tough and pliable; for fly or bait fishing; 25 yards on a card; four cards in a box.

Size.....	F.	GA
Test, lbs.....	22	18
Each.....	\$2.50	2.20



**Huckleberry**; Enamelled silk; braided; good quality black and white silk; transparent enamel; pliable, strong and durable; for bait or fly fishing; 25 yards on a card; four cards in a box.

Size.....	F.	G.
Test, lbs.....	12	16
Each.....	\$2.00	1.60



**Neptune**; Enamelled silk; best quality China silk; braided; glossy enamel finish; white and green color; strong; flexible and good appearance; 25 yards on a card; four cards in a box.

Size.....	G.	F.
Test, lbs.....	12	17
Each.....	\$1.40	1.70



**Best oiled silk**; highest quality China silk; waterproof oiled finish; white and green assorted; a good medium priced line; 25 yards on a card; twelve cards in a box. Size H. Each.....\$ .80



**Expert**; silk casting line; good quality silk; green and brown braided; not oiled or enamelled; 25 yards on a spool; twelve spools in a box. Each.....\$1.00



**Irish linen**; first quality Irish linen thread; strong and durable; green color; 25 yards on a card; twelve cards in a box. Per dozen \$4.50



**Sure catch**; waterproof cotton; braided; olive and green color; good quality; strong and durable; 25 yards on a card; twelve cards in a box. Per dozen.....\$3.00



**Silkline**; special selected fibre; smooth finish; uniform quality; extra good value; brown and green color; 50 feet on a card; twelve cards in a box. Per dozen.....\$2.50



# Fish Lines



Ontario; braided cotton; well finished; strong and popular priced; color black and white; 50 feet on a card; twelve cards in a box. Per dozen, \$2.40



Ontario; braided cotton; black and white color; hanks contain 25 and 84 feet as below.

S. I. C.; Braided cotton; green bottled color; hanks contain 25 and 84 feet as below.

Number	1	2	3	4	5	6
25 feet, per dozen	\$1.80	1.50	1.20	1.10	1.00	1.00
84 feet, per dozen	\$5.30	4.90	4.10	2.90	2.50	2.50

Note.—Ontario and S. I. C. lines are sold at the same price.

## FLOATS



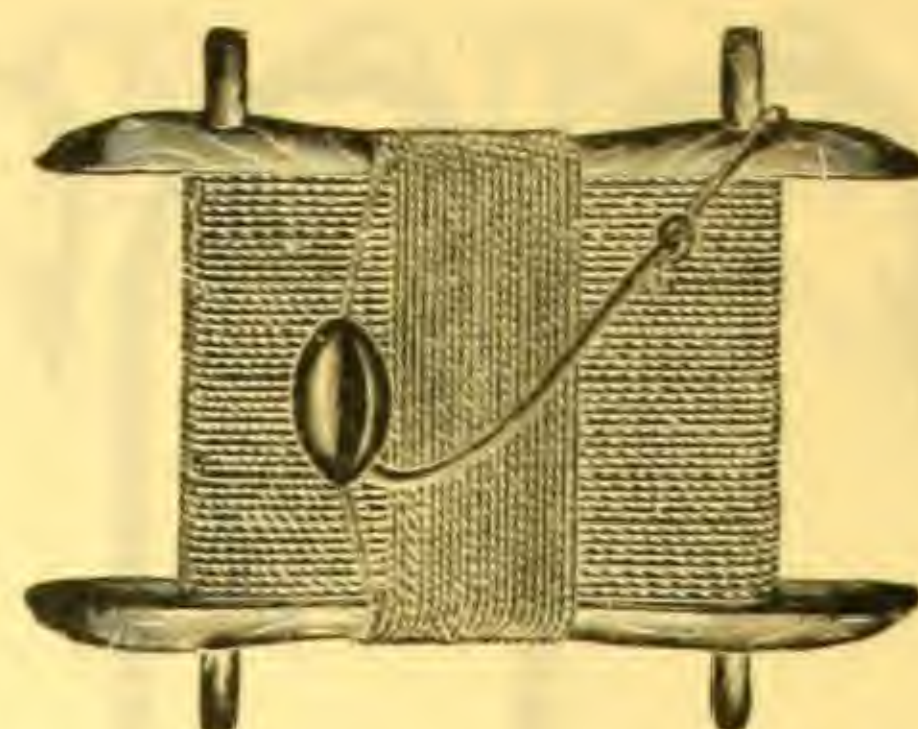
Corker.—Enamelled cork; one dozen assorted sizes on card; assorted colors; weight per card 10 ounces. Per card, \$2.20

## LEADER BOX



No. 201.—Aluminium; hinged cover; round; diameter 3 1/4 inches; depth 5/8 inches; convenient for pocket use. Weight per dozen 1 1/2 lbs. Per dozen, \$8.00

Half dozen in a box.



No. 550.—Twisted cotton; linen finish; green color; 25 feet with sinker and hook on reel. Size 3 1/2 x 4 inches. Per dozen, \$2.50

No. 1000.—Twisted cotton; linen finish; green color; 50 feet with sinker and hook on reel. Size 4 1/2 x 5 inches. Per dozen, \$4.00

One dozen in a box.



Eureka; twisted cotton; drab color; hanks contain 15 feet; one dozen hanks in a bundle.

Number	1	2	3	4	5
Per dozen	\$ .30	.35	.40	.45	.50

Six dozen in a box

## GUT CASTS OR LEADERS



Made from the choicest selected quality gut; mist colored; single or double gut, looped.

Number	2 S.	3 S.	2 D.	3 D.
Style	Single	Single	Double	Double
Length, feet	6	9	6	9
Per dozen	\$3.00	4.00	6.00	8.50

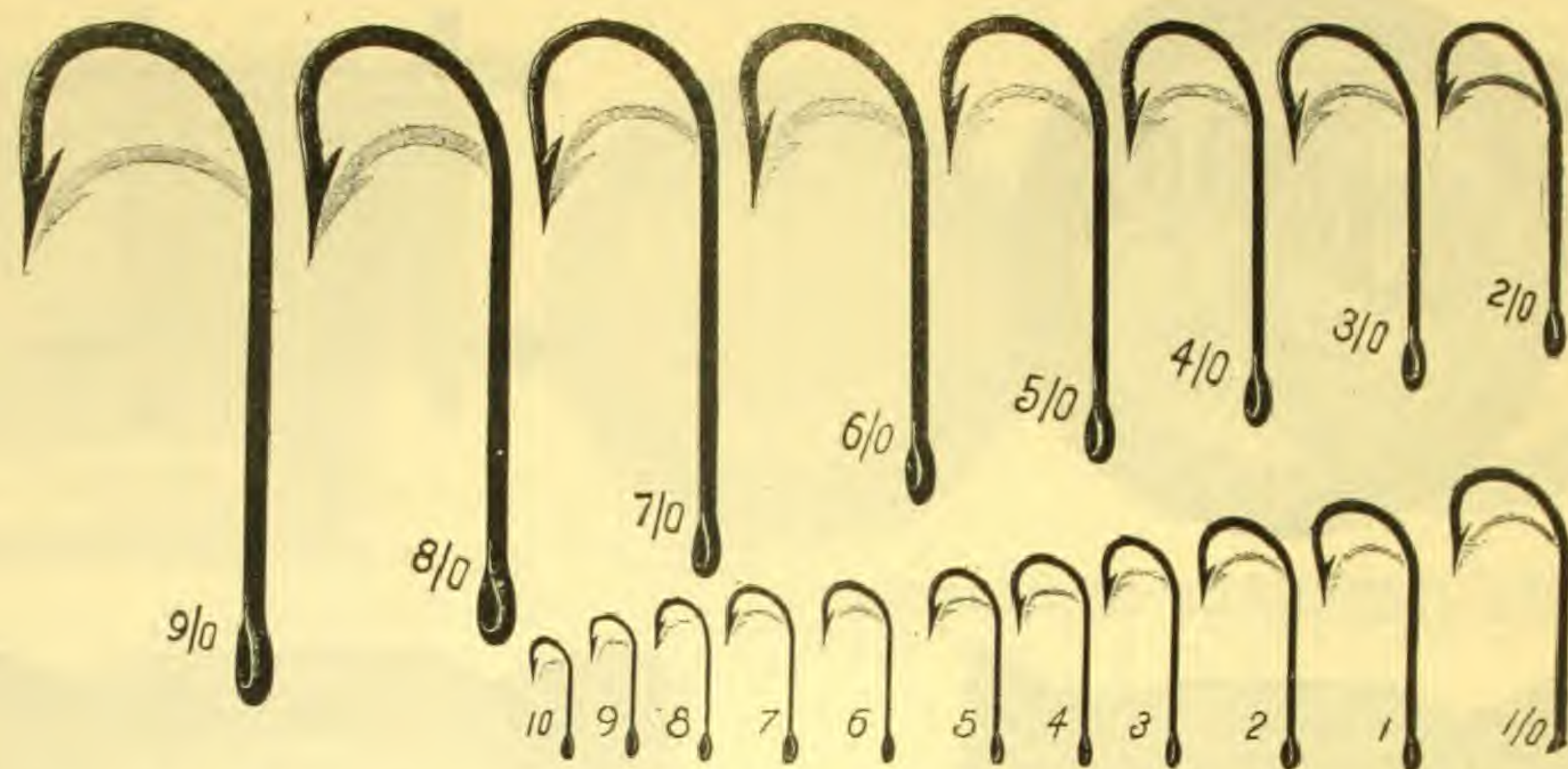
## FLY AND LEADER BOX



No. 202.—Aluminium; hinged cover; oblong; size 6 1/4 x 3 1/4 x 1 1/2 inch; with interior comb to keep flies in place; weight per dozen 3 lbs. Per dozen, \$18.00



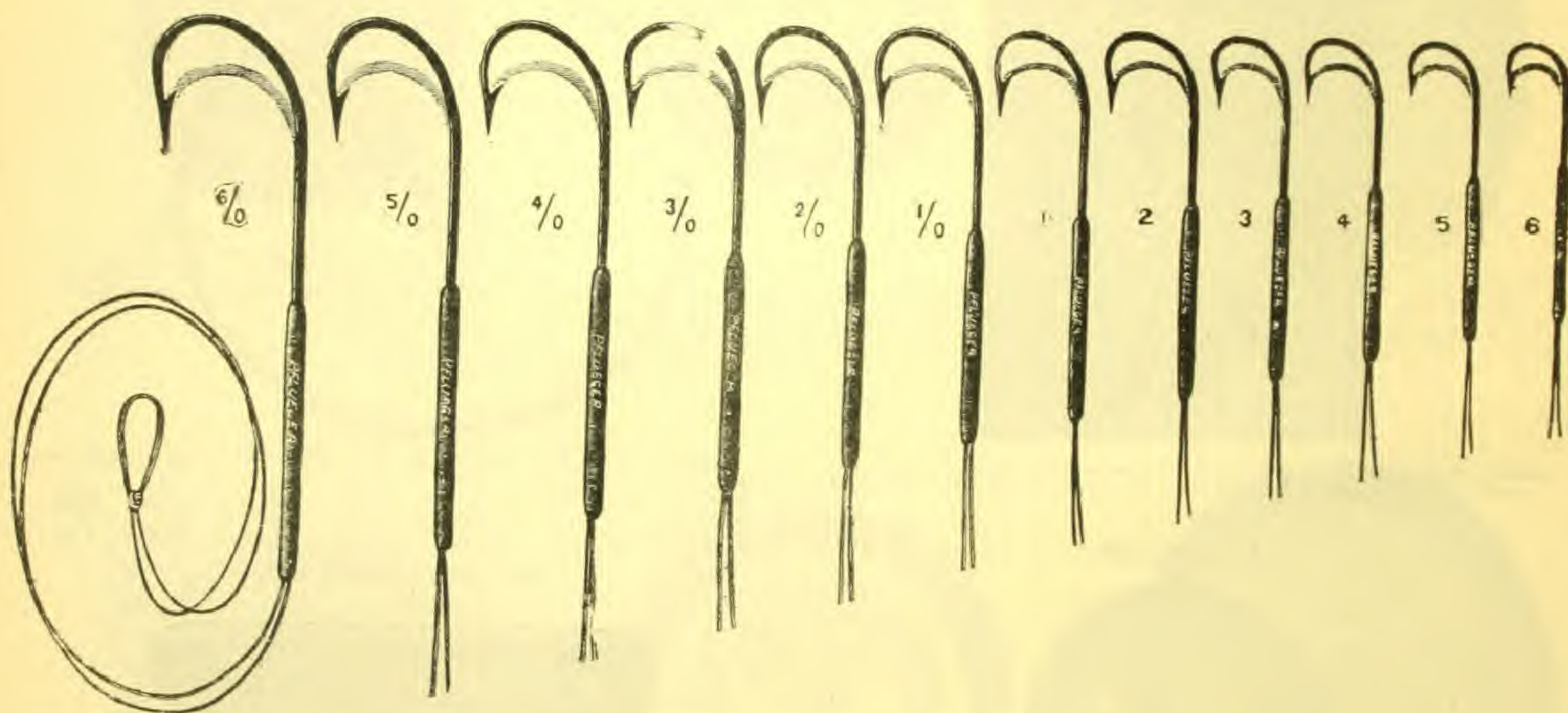
## Fish Hooks



KIRBY; best english spear point; ringed; finely japanned; smooth finish; above cuts full size; average weight  $2\frac{1}{2}$  lbs per 1000.

Number	10 to 1	1/0	2/0	3/0	4/0	5/0	6/0	7/0	8/0	9/0
Per 1000.	\$3.00	3.50	4.50	5.40	5.60	7.00	8.00	10.50	13.20	16.80

One hundred in a box.



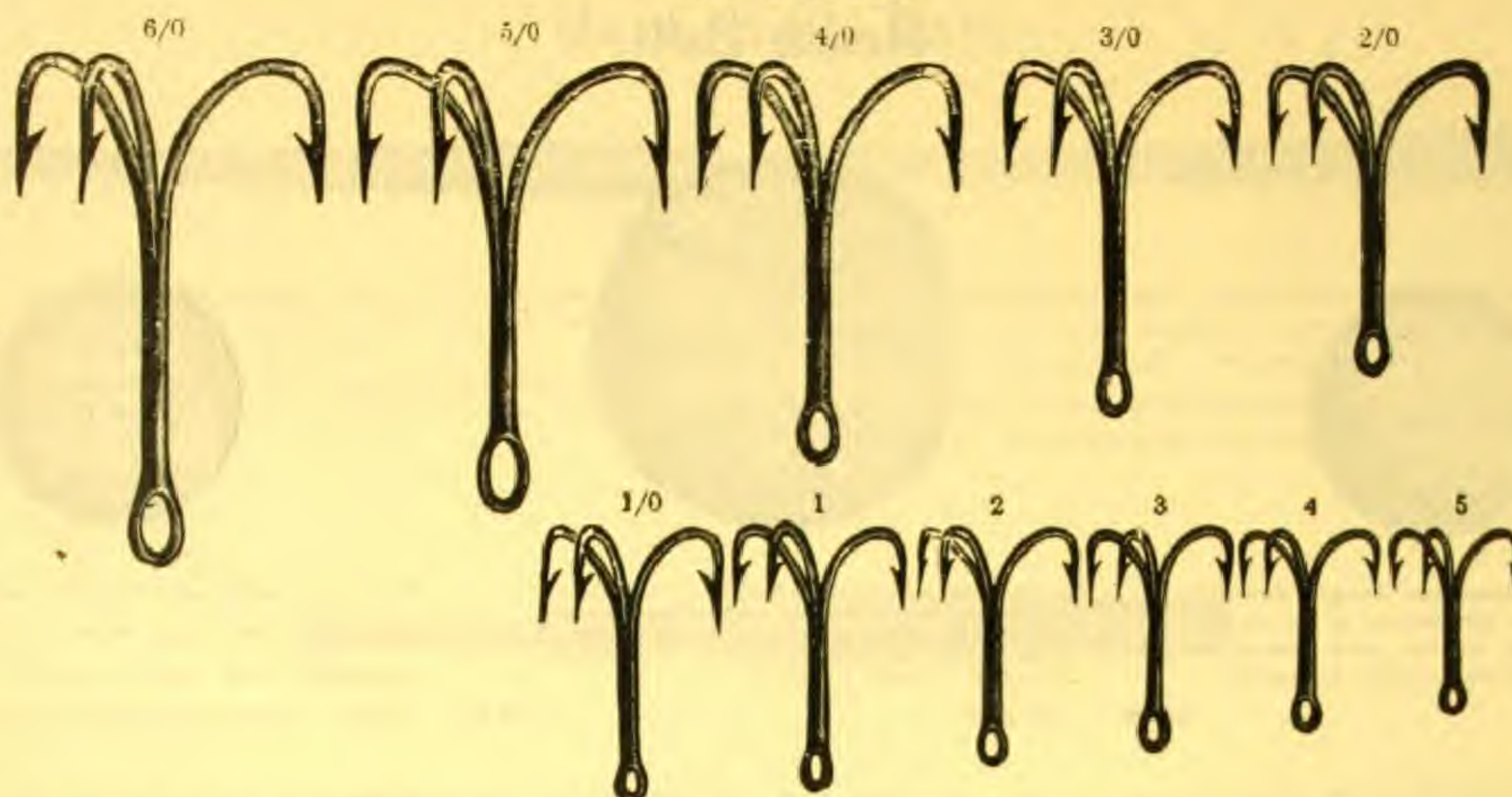
CINCINNATI bass hooks to gut; spear point; superfine quality; single and double gut; cuts exact size.

Numbers	16	17	18	19	20	21	22	23	24	25
Weight per gross, ozs.	7	$6\frac{1}{2}$	6	$5\frac{1}{2}$	5	$4\frac{1}{2}$	4	$3\frac{1}{2}$	3	2
Single gut, per gross	\$ .80	.70	.50	.50	.40	.40	.40	.40	.40	.40
Double gut, per gross	\$1.00	.90	.80	.70	.60	.60	.60	.60	.60	.60

Six in an envelope; gross in a box.



# Fish Hooks



Treble hooks : plain ; rustproof ; bright finish ; brazed rings ; cuts exact sizes :

Number	1 to 5	1/0	2/0	3/0	4/0	5/0	6/0
Per gross	\$0.50	.60	.70	.81	1.00	1.20	1.20

One dozen in a box.

## FISH SPEARS



Hand forged from a fine quality of steel ; solid socket ; japanned finish.

Number	10	20	30
Prongs	3	5	5
Width inches	2 1/4	4	5
Each	\$1.00	1.20	2.00

One dozen in a box.

## FISH SCALES



Nickel plated ; weighs up to 15 lbs. in 3/4 lbs ; length over all 6 1/4 inches  
weight per dozen 1 1/2 lbs. Per dozen \$12.00

One in a box, twelve in a carton.

## BOX SWIVELS



Brass Box Swivels : free working ; will not bind ; rustproof.

Number	2/0	1/0	1	2	3	4
Length, inches	1 1/2	1 3/8	1 3/16	1 1/16	1	7/8
Per dozen	\$1.00	.80	.50	.50	.50	.50

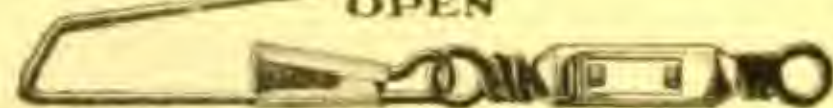
Twelve dozen in a box.

## SNAP SWIVELS

CLOSED



OPEN



PATENTED - JUNE 16 - 1903

Cooper snap swivels : for quickly changing baits ; cut full size of No 3 ; Per dozen \$1.20

## SPLIT SHOT SINKERS



No. 144 BB.—Flat tin box ; easily carried in vest pocket ; size 1 1/4 x 3/4 inch ;  
24 sinkers in a box. Per dozen boxes \$ .80

## RINGED SINKERS



Adjustable ringed sinkers : soft lead ; brass rings.

Number	1	2	3	4	5	6	7	8	9	10	12
Length, inches	1	1 1/4	1 3/8	1 1/2	1 5/8	1 3/4	2	2 1/4	2 1/2	2 3/4	3
Weight per doz., ozs.	1	1 1/2	2	2 1/2	3 1/2	4	6	8	12	16	28
Per dozen	\$0.20	.20	.24	.30	.40	.50	.60	.70	1.00	1.40	2.00



## Reach Balls



No. OJ.—Official American League Junior; made to the same specification as No. O but Junior size; sold on the same guarantee; circumference 8 inches; weight 11½ ounces.

Per dozen ..... \$32.40



No. O.—Official American League; cork centre made in exact conformity with official specifications and guaranteed to last a full game of nine innings and give satisfaction; circumference 9 inches; weight 5 ounces.

Per dozen .....

\$36.00



No. 3 C.—Continental League; made of wool yarn with pure rubber centre and best quality horsehide cover double stitched with linen thread; official size and weight.

Per dozen ... \$26.40



No. 4 A.—Superior League; regulation size and weight; carefully constructed of durable materials; horsehide cover.

Per dozen ..... \$16.00



No. 7.—Bounding Rock; regulation size and weight; well made in every detail; horsehide cover.

Per dozen .....

\$12.00



No. 9 X.—Lively Flyer; Junior size and weight; horsehide cover; well made in every detail.

Per dozen .....

\$ 8.00



No. 8.—Cock of the Walk; regulation size; waterproof cover; a good practice ball.

Per dozen ..... \$5.50



No. 9.—Junior League; Junior size and weight; waterproof cover.

Per dozen .....

\$ 4.20



No. 11 B.—Youths Lively; junior size; waterproof cover; an excellent ball for boys.

Per dozen .....

\$ 2.64



No. 114.—Official Indoor base ball; Reach patent construction; horsehide cover; circumference 12 inches.

Per dozen ..... \$36.00



No. P 12.—Official Play ground ball; patent construction; hand stitched; outseam model; circumference 12 inches.

Per dozen .....

\$36.00



No. 25 B.—Playground; horsehide cover; serviceable materials; plain seam; circumference 11 inches.

Per dozen .....

\$16.80



## Base Ball Bats



No. N 15 B.—Finest second growth straight grained white ash, thoroughly seasoned; hand turned by experts; length 34 inches; average weight 41 ounces; orange finish; taped handle. Per dozen.....\$50.00

No. 15 R.—Selected second growth white ash; straight grained; hand turned; proper balance; length 34 inches; average weight 41 ounces; dark red finish; taped handle. Per dozen.....\$50.00



No. 13\*O.—Reach Burley; finest straight grained white ash; hand turned; professional model; length 33 inches; average weight 40 ounces; dark brown finish; plain finish handle. Per dozen.....\$44.00

No. 12\*O.—Reach Burley; of the same size and specification as No. 13\*O excepting it is hand rubber oil finish with taped handle. Per dozen.....\$44.00



PLAYERS MODEL.—Made from selected straight grained white ash to the specification of various famous players; assorted lengths, weights and finishes; plain handles; all popular sellers. Per dozen.....\$44.00



No. 105.—Worlds series; select quality; carefully turned; nicely finished; length 33 inches; average weight 35 ounces; flame burnt finish; taped handle. Per dozen.....\$36.00

No. 20.—London; select straight grained ash; burnt finish; length 35 inches; plain handle. Per dozen.....\$24.00



No. 100 T.—League; good quality ash; length 34 inches; weight 36 ounces; golden finish; taped handle. Per dozen.....\$28.00

No. 12.—Leader; good quality straight grained ash; varnished finish; length 35 inches; plain handle. Per dozen.....\$16.00



No. 2\*O.—Boys Burley; select straight grained ash; length 31 inches; average weight 32 ounces; spotted burnt finish; plain handle. Per dozen.....\$24.00



No. 83 B.—School League; good quality ash; junior size; length 30 inches; burnt finish. Per dozen.....\$16.00

No. 4.—Crown; straight grained ash; junior size; varnished; length 30 inches. Per dozen.....\$13.00



No. 24.—Match; junior size; large batting surface; varnished finish; length 30 inches. Per dozen.....\$8.00



No. 87.—Boys Practice; made of hard wood; plain finish; length 26 inches. Per dozen.....\$8.00

No. 3.—Boss; white maple; plain finish; length 30 inches. Per dozen.....\$5.00





## Catchers Mitts



No. 12 A.—Double Face; made entirely of Reaco dark brown horsehide; edges bound with rolled black leather; seams are leather welted; strong leather lacing; asbestos felt padding; the thumb and body of the mitt are adjustable by a strap and buckle; special hold fast back; this is the perfect catchers mitt. Each.....\$24.00



No. 6 A.—Reach Professional; Reaco golden grain horsehide; rolled leather edge; fingers double stitched and leather welted; leather laced; hand formed asbestos felt pad assures holding the ball; thumb and face adjustable by strap and buckle; hold fast back. Each.....\$20.00



No. 32.—Reach Special; made of olive tan horsehide; moulded one piece face and special padding produce catching ability to satisfy the most exacting player; rolled leather binding double stitched and welted seams; the thumb and face are adjustable by strap and buckle. Each.....\$18.00



No. 41.—Moulded Model; dark brown grain horsehide; leather bound and laced; one piece moulded face and pocket; hand formed padding; strap and buckle thumb adjustment; strap and buckle at wrist with leather adjustment to protect the wrist; a very satisfactory mitt. Each.....\$16.00



No. 30.—Semi moulded model; face back and fingers made of olive tan horsehide; edge of Russian calf skin; edges leather bound and laced; strap and buckle thumb adjustment; seams double stitched; leather wrist extension. Each.....\$13.50



No. 31.—Professional semi moulded; made of Reaco black grain horsehide; seams double stitched; leather binding and lacing; strap and buckle thumb adjustment; leather wrist extension; well padded and with deep pocket. Each.....\$10.70



No. B. P.—League model; brown tan horsehide face and fingers; brown leather back; cow hide strip; leather laced; strap and buckle thumb adjustment; double stitched; wrist protector; full size regulation model. Each.....\$ 8.70



No. 200.—Association model; made entirely of black horsehide; leather laced; double stitched; strap and buckle thumb adjustment; wrist protector; regulation size. Each.....\$ 6.60



No. 150.—Club model; face and fingers made of white tan mitten leather; brown leather back and strip; double stitched; leather laced; well padded with deep pocket; full size. Each.....\$ 5.40



No. F. P.—Amateur; olive tan mitten leather face; fingers and back; leatherette strip; laced edge; lace between thumb and body of mitt; strap and buckle at wrist; medium size. Each.....\$ 4.00



No. 75 X.—Youths special; brown tan face and fingers; khaki back; leatherette strip; bound edge; strap and buckle at wrist; lacing adjustment at thumb; full size. Each.....\$ 2.80



No. 65 X.—Junior model; tan leather face and fingers; khaki back; leatherette strip; strap and buckle at wrist; lacing adjustment at thumb; youths size. Each.....\$ 2.20

No. 67 X.—Boys; good quality leather face and fingers; leatherette strip; canvas back; laced thumb attachment; boys size. Each.....\$ 2.20



# Basemens Mitts



No. 3 B. G.—Hold fast model; selected dark brown Reaco smooth grain horse hide; roll leather binding; leather welted seams; leather laced edge permits adjustment of the padding; hold fast back; strap and buckle thumb adjustment. Each. \$13.40



No. D.—Professional model; Reaco suede finished drab horse hide; laced edge; seams leather welted; rolled leather binding; strap and buckle thumb adjustment; very flexible and of exceptional wearing quality. Each. \$12.00



No. 4 S.—Professional model; Reaco brown grain horse hide; one piece face model; laced edge; edges are leather bound and seams double stitched and leather welted; strap and buckle thumb adjustment; superior wearing quality. Each. \$11.40



No. 4 A. B.—Glove thumb model; brown Reaco horse hide; leather bound and laced; hand formed hinge pad; welted seams; strap and buckle for adjusting thumb. Each. \$10.70



No. 4 A.—Semi Professional model; dark brown Reaco grain leather; face made entirely of one piece; hand made hinge pad; leather binding; welted seams; strap and buckle at thumb. Each. \$9.30



No. 4 B.—Hinge model; olive Reaco grain leather; glove thumb; hand formed hinge pad; leather binding and lacing; strap and buckle adjustment; medium padding. Each. \$8.00



No. 5 R.—Reaco black grain horse hide; leather bound; laced edge; special hinge padding; strap and buckle adjustment; medium padding with deep pocket. Each. \$6.60



No. 4 R.—League model; cream horse hide; double stitched; laced edge; hand formed pad; adjusting strap at thumb. Each. \$6.00



No. R.—Grabber model; brown mitten leather; hand made pad; leather laced; double stitched seams; thumb strap adjustment. Each. \$5.30



No. 2 R.—Regulation model; black leather face; back and finger pocket; leather faced; hand made pad; thumb strap adjustment. Each. \$4.80



No. 3 R.—Amateur model; wine leather face; khaki back and finger pocket; leather laced; hand made pad; thumb strap adjustment. Each. \$2.70



No. F. B.—Brown tan mitten leather face and back; khaki lining; bound edge; strap and button at wrist; well padded; mens size. Each. \$2.20  
No. 7 B.—Similar to No. F. B. only youths size. Each. \$1.50



## Fielders Gloves



No. C. H.—Double palms model; made of selected Reaco dark brown horse hide; fine glove leather lining; rolled leather edges; leather welted seams; laced at wrist to allow change of padding; special hand made pad forms a deep flexible pocket. Each.....\$13.40



No. C. B.—Professional model; Reaco golden grain horse hide of the finest grade; seams are leather welted and stitched with linen thread; Reach patent diverted seams prevent ripping between fingers; lacing at wrist permits adjustment of padding. Each.....\$10.70



No. K. G.—Patent laced model; special drab Reaco horse hide; leather binding welted seams; fitted with King patent lacing device to allow for change of position of padding and to retain padding in the position desired. Each.....\$9.40



No. S. W.—Regulation model; drab horse hide; lined with glove leather; leather binding; welted seams; medium padding; requires no breaking in. Each.....\$8.00



No. 72.—Special laced model; selected black grain horse hide; leather lining; leather binding; welted seams; laced at wrist; medium padding in heel and fingers. Each.....\$6.70



No. 2 G. L.—League model; brown tan glove leather; full leather lining; welted seams; medium padding; wide little finger model; laced at wrist. Each.....\$5.30



No. 10 X.—Wine sheep leather; welted seams; leather lining; laced at heel to permit adjustment of padding; a popular model; full size. Each \$4.70



No. 59.—Club special model; olive tan glove leather palm lining; leather welted seams; medium padding; wide little finger model. Each.....\$4.00



No. 55.—Amateur model; graven tan glove leather; khaki lined with leather palm lining; welted seams; medium heel and formed pocket. Each.....\$3.50



No. 51.—Nigger brown sheep skin; felt lining; leather palm; all finger seams welted; a very popular model with the boys; youths size. Each \$2.70



No. 4 G.—Junior model; tan glove leather; khaki lining with leather palm; medium padding with formed pocket; youths size. Each.....\$2.00



No. 18 C.—Boys special; glove leather; outseam construction; felt padded; leather palm lining; youths size. Each.....\$1.40

No. 19 A.—Boys model; same as No. 18 C but in boys size. Each.....\$1.10



## Catchers Masks



No. S. L.—Extra strong tempered steel wire with reinforced joints; leather pads stuffed with hair; and buckled to frame; sides extended to protect ears; spitter and open vision features; used by professional catchers. Each \$10.70



No. 20 S.—Reach special; tempered steel wire frame; open vision; transparent sun shade; leather pads, stuffed with hair; and buckled to frame. Each \$8.00

No. 30 S.—Same style as No. 20 S only having khaki lining instead of leather. Each \$6.70



No. 40 S.—Youths model; leather pads rivetted to the frame; transparent sun shade; well made; comfortable fitting. Each \$5.30



No. X. X.—Amateur model; leather pads; good strong frame; no sun shade. Each \$3.50

No. C. M.—Same as No. X. X. only in boys size. Each \$2.70

## BODY PROTECTORS



No. S. P.—Catchers; used by professionals; made of khaki canvas with leather binding; laced edge to permit adjustment of padding; padded extension over shoulders; adjustable straps. Each \$16.00



No. S. 6.—Catchers; khaki canvas; model as No. S. P. but not laced edge. Each \$12.00

No. S. 4.—Catchers; model as No. S. 6 but made of lighter materials. Each \$8.70

## SCORING TABLET



Scoring Tablet; for recording runs, hits, outs, and errors; made of celluloid; accurate in registry. Each \$1.54

## INDICATOR



Indicator; a device to keep correct tally of strikes and balls; made of celluloid with large plain figures. Each \$1.80

## SUPPORTERS



No. 76.—Abdominal supporter; enamelled aluminum; ventilated; rubber bound; elastic web straps. Each \$6.00



No. 76 P.—Cup only; aluminum; edges bound with rubber; to be worn with any elastic pocket jock strap; no other support needed. Each \$1.30

## PUBLICATIONS



Score books; for keeping score of games.  
No. 1 S. B.—Pocket. Each \$1.20  
No. 2 S. B.—Pocket. Each \$1.00  
No. 4 S. B.—Club. Each \$2.70



Official base ball guide; complete information and rules of the game. Each \$1.36

## SHOE PLATES



No. 2 T.—Toe and heel plates; made of steel; strong and serviceable. Per pair \$1.51

No. 6 T.—Toe and heel plates; made of steel; for boys teams. Per pair \$1.31



No. 5 T.—Pitchers toe plates; made of aluminum; worn on toe as shown. Each \$1.66

## DOLCE



DOLCE; a special preparation for use on mits and gloves to soften and preserve the leather; put up in convenient metal tubes. Each \$1.20



## Boxing Gloves



No. 80.—Special fighting gloves: fine wine tan napa kid leather; reinforced thumb seams; water-proof binding; leather palm grips; padded cuffs; deep laced palms; stuffed with special grade of hair; we can recommend this glove in every particular; 5 ounce weight. Per set of four. \$14.00



No. 45.—Standard; made entirely of dark brown kid leather; padded cuffs; deep laced palms and adjustable palm grips; leather binding; double stitching; filled with curled hair; weight 8 ounces. Per set of four. \$15.00



No. D.—Special Corbett pattern; brown tan glove leather bag; olive napa leather palm and cuff; deep laced palms, adjustable grips; padded cuffs; hair filled weight 8 ounces. Per set of four. \$11.50



No. A.—Youths size; brown tan leather bag, wrist and palm grip; strong khaki cloth palms; padded wrist; deep laced palm; hair filled; carefully made. Per set of four. \$7.00

## Hockey Gloves



No. H. I. C.—Horsehide; padded with hair and java kapok; flexible fingers; new style wrist pad; a very light glove for defence and forward players. Per pair. \$15.00  
No. H. 3.—The same as model H. I. C. but not so heavy. Per pair. \$11.00



No. H. C.—Horsehide; hair filled; flexible fingers; new style wrist pad; youths size; for defence and forward players \$8.50



No. G. B.

No. G. B.—Finest quality of leather; heavy cane strip reinforced with cane stripping; used by all the leading players. Per pair. \$16.00  
No. G. C.—The same style as No. G. B. but made of canvas. Per pair. \$12.00



No. F. L.—Heavy felt skin and knee guard; leather covered reeds over shin; for goal keepers. Per pair. \$3.00  
No. 37.—Moulded fibre; shaped to fit the shin with heavy felt knee cap; for goal keepers. Per pair. \$2.50

## Leg Guards

## Striking Bags



No. 30.—Corbett special; light weight; designed for speed; best grade olive napa leather; hand welted seams; regulation size and model; complete with suspension cord. Each. \$13.50

No. 3½.—Regulation model; made with alternating sections of red and green leather; stayed seams; with suspension cord. Each. \$7.50

No. 0.—Youths; brown tan leather; regulation model; a good lively ball. Each. \$5.50



No. B.—Pear shape; medium weight; pure para rubber; for Nos 30, 3½ and 0 balls listed on this page. Each. \$1.50



No. B. T.—Round shape; medium weight; pure para rubber; for No. 3½ D ball listed on this page. Each. \$1.50



No. 3½ D.—Round model or double end bag; convenient for house use; patent construction; quick action affords the finest kind of exercise; made of napa leather; alternating sections of red and olive; stayed seams; regulation size; complete with pure rubber bladder; elastic cord and suspension rope. Each. \$8.00



## Rugby Footballs



No. 5 R.—Rugby match; first quality pebble grained leather; exceptional wearing qualities; correct in the details of size and weight. Each

\$11 00

No. 5 S.—Amateur; good quality pebble grained leather; canvas lining; full size; made to give good service. Each

\$4 00

Pure rubber; perfect in material and construction; guaranteed to give satisfaction.

No. 5 R.—Extra heavy; for Nos. 5 R and 5 F balls. Each

\$1 50

No. 5 M.—Medium; for No. 5 S ball. Each

\$1 20

No. 4 M.—Medium; for No. 4 M ball. Each

\$1 00

No. 5 F.—Scholastic; pebble grained cowhide leather of good quality; regulation size and weight; will give good service. Each

\$9 00

No. 4 M.—Boys; pebble grained leather; strong canvas lining; will stand rough usage; boys size. Each

\$3.30

## Soccer Footballs



No. S. E.—Special; extra fine selected leather; hand sewn throughout; regulation size; pure rubber bladder; a ball of exceptional quality. Each

\$12 50

No. 5.—Pure para rubber soccer ball bladder; for all regulation size balls. Each

\$1 70

No. 5 A. E.—Watertight; finest chrome leather; hand sewn throughout; will not absorb water; regulation size. Each

\$11 50

No. E. F.—Practice; select leather; pure rubber bladder; a good practice ball for amateur teams. Each

\$7 00

## Basket Balls



No. 1 1/2.—Regulation; high grade pebble grained cowhide leather; official four section model; regulation size and weight; an excellent ball in every respect. Each

\$16 00

No. O A.—Pure Para rubber bladders for basket balls shown on this page; heavy quality; well made. Each

\$1 70

No. 2.—Special; heavy pebble grained leather; lined with best grade of canvas; official pattern and regulation size an excellent practice ball. Each

\$9 00

NOTE.—All Rugby and soccer footballs, basket balls and striking bags are supplied complete with bladders and laces ready for the game.



## Tennis Rackets



**Sovereign**; selected straight grained ash bow; chamfered inside and out; depressed throat with reinforcing section; gut wound shoulders; select gut lacing; reinforced centre; improved grip cedar handle; weights 13, 13½, 14 and 14½ ounce. Each.....\$18.00



**Country Club**; first quality ash bow chamfered inside; depressed throat with reinforcing section; finest gut lacing with reinforced centre; gut wound shoulders; improved grip cedar handle; weight 13, 13½ and 14 ounce. Each.....\$11.00



**Newport**; Select ash bow; depressed throat with reinforcing section; first quality gut lacing; gut wound bow; cedar handle; a good medium priced racket; weight 13, 13½ and 14 ounce. Each.....\$ 7.00



**Champion**; Inside chamfered bow; enamel finish; depressed throat of walnut; select gut; reinforced centre; thread wound shoulders; cedar handle; weights 13 and 13½ ounce. Each \$ 8.00



**Winner**; inside chamfered bow; depressed throat with walnut inset; taped and thread wound shoulders; select gut; reinforced centre; varnished finish; cedar handle; weights 13 and 13½ ounce. Each.....\$ 6.00



**Practice**; regular bow frame; arched throat; walnut inset; taped and thread wound shoulders; reinforced gut lacing; cedar handle; weights 13 and 13½ ounce. Each.....\$ 4.00

## Tennis Racket Covers



**No. E.—Drill**; with ball pocket and side handle; full size and neat fitting. Each.....\$ 1.50



**No. B.—Flannel**; green color; covers frame only. Each.....\$ 2.25



**No. A.—Mackintosh**; waterproof; ball pocket and side handle; full size. Each.....\$3.50



# Tennis Balls

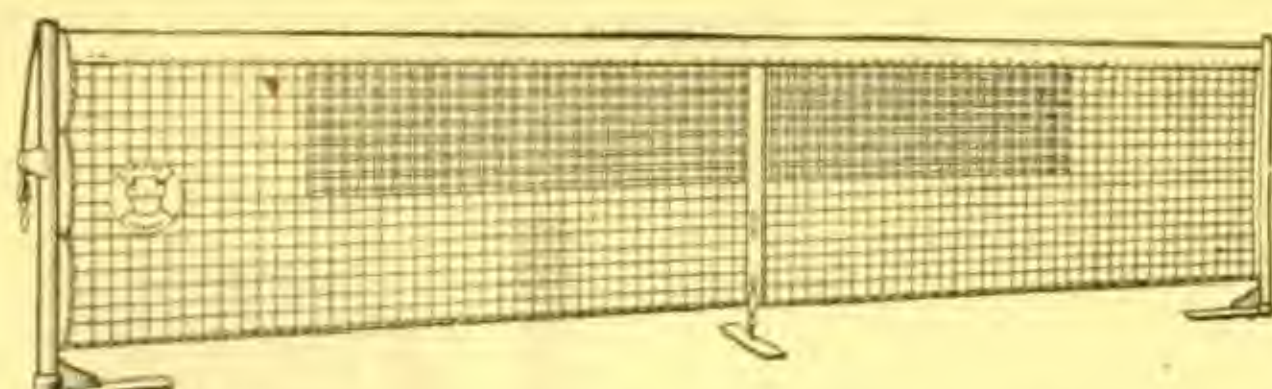


**PARAMOUNT:** patent construction; walls are of even thickness which assures perfect bounding; specially prepared rubber; highest grade white felt; wonderful resiliency and durability; weight per dozen 1 lb. Per dozen \$10.80

One dozen in a box.

**SLAZENGER:** made of finest quality rubber; covered with best grade white felt; undersewn seams; resilient and durable; adopted by most professionals and a favorite with the clubs; weight per dozen 1 lb. Per dozen \$12.70

## TENNIS NETS



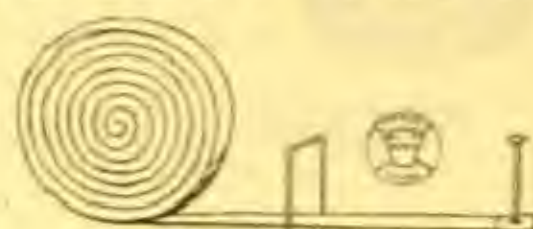
**TENNIS NETS** are subject to great strain from the constant pull to keep tight, and the effect of dampness; specially woven twines to withstand these conditions are used in the nets listed below:

No. 6.—Double court; size 42 x 3½ feet; plain; weight 2½ lbs. Each \$11.00

No. 332 E.—Double court; size 42 x 3½ feet; tarred; weight 3 lbs. Each \$20.00

Tennis Poles.—Hardwood; turned. Per pair \$4.00

## TENNIS TAPES



For marking tennis courts; sets contain tape, pins, and staples for double court; weight per set 7½ lbs. Per set \$13.50

## RACKET PRESSES



No. 1.—White ash; oblong; swing bolt; plain finish; weight each 1½ lbs. Each \$1.60  
No. 2.—Select ash; varnished. Each \$2.00

## POCKET FLASKS



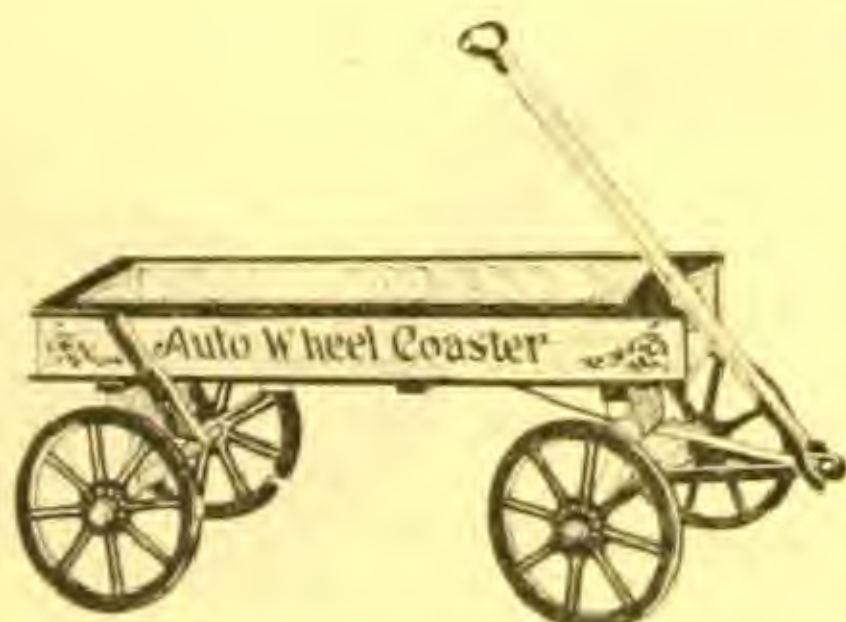
No. 504.—Glass container; lower section covered with black seal leather; silver plated cap fits over upper section; nicely engraved; silver plated screw top.  
Capacity, pints 1½ 2 3  
Weight, ounces 10 12 16  
Each \$6.50 \$7.60 \$8.80

No. F 103.—Glass container; upper half covered with black seal leather; silver plated detachable cap fits on lower section; silver plated screw cap.  
Capacity, pints 1½ 2 1 1½  
Weight, ounces 10 12 14 25  
Each \$5.90 \$6.30 \$6.80 \$10.00

Open stock.

No. 620.—White Metal; non-corrosive; highly polished; screw cap; neat and durable.  
Capacity, pints 1½ 1½ 2  
Weight, ounces 14 17 20  
Each \$8.70 \$11.20 \$15.00

## AUTO COASTER WAGONS



**Wood wheel;** steel axles; roller bearings; spokes are mitred at the hub to give strength where spokes break; fifth wheel for front holsters to turn on; strong, easy running, and attractive in appearance.

Number	01	2	3	4
Body, inches	12 x 30	14 x 34	16 x 38	18 x 40
Wheels, inches	8	10	10	12
Weight each, lbs.	20	30	35	40
Each	\$9.10	\$11.50	\$12.80	\$13.80

### STEEL ROBS

For converting coaster wagons into bob sleds; made of angle steel and fit any size of wagon listed above. Per set \$3.60

**Disc wheel;** steel axles; roller bearings; steel disc wheels; fifth wheel on front holster for free turning; rear wheel brake; neat and durable; nicely finished.

Number	010	20	30	40
Body, inches	12 x 28	14 x 34	16 x 38	18 x 40
Wheels, inches	8	10	10	12
Weight each, lbs.	25	35	38	42
Each	\$9.10	\$11.50	\$12.80	\$13.80
Extra for rubber tires	.80	.80	.80	.80



## Golf Clubs

The highest degree of experience in selecting materials, and exacting skill in fitting heads and shafts are employed in producing our line of clubs. They are correctly modelled and properly hung. All clubs wound with specially prepared leather grips or tape. Made in a variety of models some of which are shown below and in both right and left hand.



BRASSIE



DRIVER



DRIVING IRON



MID IRON



MASHIE NIBLIC



PUTTER

Standard Wood Clubs; Ladies or Mens. Each  
Standard Iron Clubs; Ladies or Mens. Each  
Juvenile Clubs; wood or iron. Each  
Kiddies Clubs; wood or iron. Each  
Ray Mills Putter. Each

\$6.00  
6.00  
3.50  
1.50  
7.00

Open Stock.

## Golf Balls



**BOBEST**; dimple marking; rubber construction; vulcanized case; enamelled finish; non floating; regulation size; a ball for practice and amateur players; weight per dozen 1 3/8 lbs. Per dozen \$8.00



**COLONEL**; mesh marking; white enamelled finish; non floating; made from best materials throughout; fully guaranteed; regulation size and weight; for professional and club use; weight per dozen 1 3/8 lbs. Per dozen \$16.00



**SILVER KING**; dimple marking; non-floating; vulcanized construction; white enamelled finish; regulation size and weight; a popular ball for club use; weight per dozen 1 3/8 lbs. Per dozen \$17.00

**PARACHUTE BALLS**; regulation size; white enamelled finish; with parachute attachment which checks the flight of the ball so that driving practice may be performed in a small lot. Per dozen \$12.00

One dozen in a box.

## Golf Bags



- No. 109—4 inch; green or white duck; leather bottom; leather bound; ball pocket; web sling strap; weight each 3/4 lb. Each \$3.00
- No. 384—4 inch; brown or white duck; two stay; leather bottom; leather bound; padded leather carrying handle; sling strap; ball pocket; choke strap; weight each 1 1/2 lbs. Each \$6.00
- No. 387—4 inch; dark green, brown or white duck; three stay; leather bound; aluminum bottom; padded leather handle; wide sling strap; choke strap; safety ball pocket; weight 1 3/4 lbs. Each \$8.50
- No. 387—5 inch; weight 2 1/4 lbs., otherwise as above. Each \$9.00
- No. 389—5 inch; buff color grain leather; nut brown grain leather trimming; aluminum bottom; padded leather handle; wide leather sling strap; leather pocket; choke strap; three stay; a bag of fine appearance and excellent construction; weight each 3 1/2 lbs. Each \$18.00
- No. 388—6 inch; brown duck with hood and padlock; can be securely locked for shipping purposes; four stay; leather bound; aluminum bottom; padded leather handle; wide leather sling strap; choke strap; safety ball pocket; weight 4 lbs. Each \$23.00

Open stock.





# Smoking Pipes



**LIGHT BULLDOG**

No. K1—Kola; no ferrule; length 5 1/4 inches.  
Per dozen

\$16.00

No. OP10—Old Pal; with ferrule; length 5 inches;  
Per dozen

\$ 8.50

No. SD100—Sea Dog; no ferrule; length 5 inches.  
Per dozen

\$ 5.30



**HEAVY BULLDOG**

No. K2—Kola; no ferrule; length 5 1/2 inches.  
Per dozen

\$16.00

No. OP20—Old Pal; with ferrule; length 5 1/4 inches.  
Per dozen

\$ 8.50

No. SD200—Sea Dog; no ferrule; length 5 1/4 inches.  
Per dozen

\$ 5.30



**OVAL STEM DUBLIN**

No. K3—Kola; no ferrule; length 5 1/4 inches.  
Per dozen

\$16.00

No. OP30—Old Pal; with ferrule; length 5 1/4 inches.  
Per dozen

\$ 8.50

No. SD300—Sea Dog; no ferrule; length 5 1/4 inches.  
Per dozen

\$ 5.30



**ROUND STEM DUBLIN**

No. K4—Kola; no ferrule; length 5 1/2 inches.  
Per dozen

\$16.00

No. OP40—Old Pal; with ferrule; length 5 1/2 inches.  
Per dozen

\$ 8.50

No. SD300—Sea Dog; no ferrule; length 5 1/2 inches.  
Per dozen

\$ 5.30



**REGULAR STRAIGHT**

No. K5—Kola; no ferrule; length 5 1/4 inches.  
Per dozen

\$16.00

No. OP50—Old Pal; with ferrule; length 6 inches.  
Per dozen

\$ 8.50

No. SD500—Sea Dog; no ferrule; length 6 inches.  
Per dozen

\$ 5.30



**REGULAR BENT**

No. K6—Kola; no ferrule; length 4 3/4 inches.  
Per dozen

\$16.00

No. OP60—Old Pal; with ferrule; length 5 inches.  
Per dozen

\$ 8.50

No. SD600—Sea Dog; no ferrule; length 5 inches.  
Per dozen

\$ 5.30



**ASSORTMENT**

Old Pal; contains one dozen assorted patterns with ferrules; good quality; french

briar; black rubber mouth pieces; all good selling styles and regular sizes; weight

per assortment 1 1/4 lbs

Each

\$ 8.50

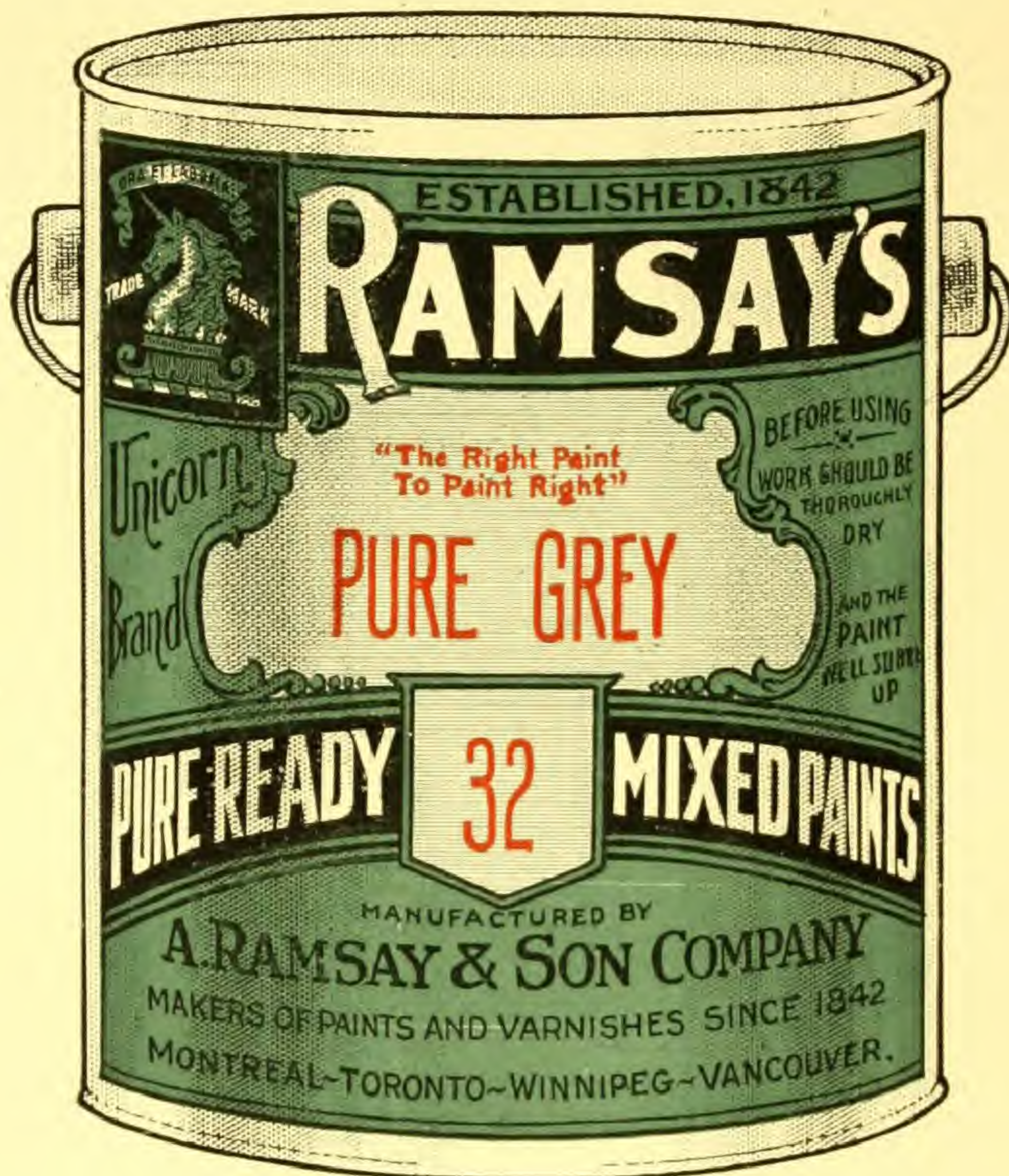
One dozen in a box.



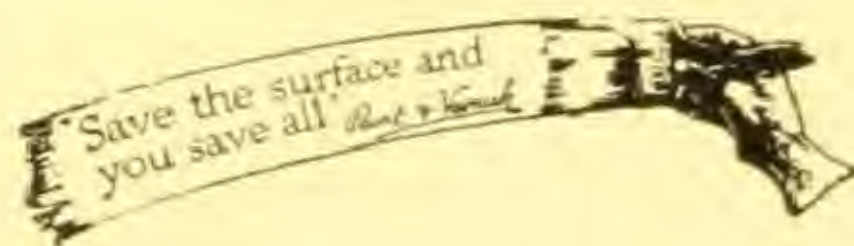




# "The Right Paint



## To Paint Right"





# THE AGATE LINE







## Ready Mixed Paint

### RAMSAYS UNICORN BRAND PURE PAINT

Unicorn "the right paint to paint right" is a product which has given entire satisfaction to the trade for over three quarters of a century. Only the finest of raw materials and pure linseed oil enter its manufacture, which are finely ground to the proper consistency. Unicorn paint is durable, spreads well and evenly under the brush. Manufactured in 36 beautiful colors and black and whites. Put up in  $\frac{1}{2}$  pints, pints, quarts, half gallons, gallons, five gallons and barrels.

### RAMSAYS INSIDE FLOOR PAINT

Our floor paints are made with special care provided for their drying properties. This is essential to floor paints. They are durable, dry with a splendid sheen and keep the floor looking spic and span for a greater length of time than other floor finishes. Made in 10 colors, put up in  $\frac{1}{2}$  pints, pints, quarts, half gallons and gallons.



### RAMSAYS PORCH FLOOR PAINT

A superior high quality paint for use on exterior floors, spreads and covers well, dries with a beautiful gloss. Manufactured in 6 colors as follows: Light Grey, Blue Grey, Light Drab, Slate, Medium Grey, and Light Slate. Put up in pints, quarts, half gallons and gallons.

### RAMSAYS DUL-TONE

A superb finish especially adapted for use on interior walls and ceilings; dries with a soft, rich, flat effect. A very sanitary and economical finish to use. Manufactured in black and white and 16 beautiful shades. Put up in pints, quarts, half gallons, gallons, five gallons and barrels.



### RAMSAYS PERFECTO WALL FINISH

A sanitary wall coating ready for use when mixed with cold water. For interior use only. Has good covering capacity, is easily applied and economical to use. Manufactured in white and 11 other beautiful shades as below:

No. 801.—Cream	No. 810.—Terra Cotta	No. 808.—Robin Egg Blue
No. 802.—Pale Yellow	No. 811.—Pale Blue	No. 809.—Dark Green
No. 803.—Buff	No. 812.—Light Green	No. 814.—Grey
No. 804.—Pink	No. 813.—Brown	White

Packed in 2 $\frac{1}{2}$  and 5 lbs air tight cartons, 100 lbs kegs and barrels.

NOTE.—Prices and color cards on request.





## Ready Mixed Paint



### RAMSAY'S FERRIC RED

An excellent paint for roofs, barns and metal work, a splendid preservative for rough surfaces, an attractive shade, put up in quarts, half gallons, gallons, five gallons and barrels.

### RAMSAY'S BARN PAINT

As the name implies is suitable for use on all kinds of barns, outhouses, and other structures of rough lumber. Shades, green, venetian, red, pure grey, black and white. Put up in quarts, half gallons, gallons, five gallons and barrels.



### CONCRETE PAINT FLAT FINISH

For interior and exterior use on concrete. Made in white and 10 beautiful shades. Put up in qts,  $\frac{1}{2}$  gals, gals, fives and barrels.



### CONCRETE SEALER

For use under concrete paint to prevent discoloration and seal the pores of the concrete. Put up in qts,  $\frac{1}{2}$  gals, gallons, fives and barrels.



### MILL AND FACTORY WHITE

Washable, sanitary white, highly desirable in all efficient mills and factories. Put up in gallons, fives and barrels.



### GRAPHITE PAINT LIQUID

For use on structural steel of all descriptions. Made in natural green, dark red, black. Put up in  $\frac{1}{2}$  gals, gallons, fives and barrels.

### RAMSAY'S BLACKBOARD PAINT

For renewing and painting new or old blackboards; produces a smooth, finish on which the crayons work nicely. Put up in half pints, pints, quarts, half gallons and gallons.



### RAMSAY'S YACHT PAINT

The standard of excellence for many years on account of their uniform quality and durability, they dry quicker and hard, are adhesive and withstand the elements as well as the action of water and rough usage. Manufactured in 8 beautiful colors, and black and white. Put up in pints, quarts, half gallons, gallons, five gallons and barrels.



NOTE—Prices and color cards on request.

### PACKING INFORMATION

All goods put up in round cans including insincible white enamel are packed as follows:

48 —  $\frac{1}{4}$  pints in wooden case —  $1\frac{1}{2}$  gallons,  
48 —  $\frac{1}{2}$  pints in wooden case — 3 gallons,  
48 — 1 pints in wooden case — 6 gallons.

24 — quarts in wooden case — 6 gallons,  
12 — half gallons in wooden case — 6 gallons,  
6 — gallons in wooden case — 6 gallons.

An ordinary barrel holds about 15 gallons in assorted size cans.



## Ramsays Oil Shingle Stain



OIL SHINGLE STAIN

This stain is made from the finest of materials and is most suitable for use on old wood-work, as it contains a good deal of pigment and pure linseed oil. Spreads easily under the brush and is manufactured in 5 popular shades: Grass Green, Deep Green, Russet Brown, Deep Brown, Bright Red and Black; put up in gallons, five gallons and barrels.

### RAMSAY'S CREOSOTE SHINGLE STAIN

Made from specially prepared creosote oil and pure colors, one gallon will dip approximately from 5 to 6 hundred shingles half length. Manufactured in 10 attractive shades: Seal Brown, Brown, Light Venetian Red, Red Cedar, Deep Red Brown, Orange, Silver Grey, Moss Green, Sea Green and Bottle Green, put up in half gallons, gallons, five gallons and barrels.



CREOSOTE SHINGLE STAIN



AGATE VARNISH STAIN

A high quality color varnish for floors, furniture and woodwork; made in 9 beautiful shades in quarter pint, half pint, pint, quart, half gallon and gallon tins.



GROUND COLOR

A high grade undercoating for varnish stain work; covers well and spreads easily; half color; put up in quarter pint, half pint, pint, quart, half gallon and gallon tins.



GRAINING SURFACER

For use over ground color preparing the surface so that it can be easily grained or finished with Agate Varnish Stain; half pint, pint and quart tins.



LIQUID WOOD FILLER

For filling pine and hardwoods without rubbing off; put up in half pint, pint, quart, half gallon and gallon tins.

Agate Graining Set; containing a rubber roller and steel comb (one set in a box) Per set \$ .90



RAMSAYS ENAMEL

Specially prepared for use on furniture of all descriptions, wicker and iron work; walls, ceilings, etc., producing a durable, sanitary and high gloss finish at a minimum cost; made in 8 beautiful colors and black and white; put up in quarter pint, pint, quart, half gallon and gallon tins.



AUTOMOBILE ENAMEL

Will make an old car look like new in a very short time; will not crack or chip and will stand the elements and repeated washing. Manufactured in 13 colors in half pint, pint, quart, half gallon and gallons tins.



CANOE ENAMEL

Made from the finest of raw materials; will withstand all kinds of weather; can be used on canvas or wooden canoes and boats. White, Pale Blue, Vermillion, Green and Carmillion. Put up in half pint, pint and quart tins.



INVINCIBLE WHITE ENAMEL

The unconquerable white for high class work, made in white only gloss or egg shell finish. Put up in quarter pint, half pint, pint, quart, half gallon and gallon tins.



RAMSAYS SHELLAC

Made from high grade gum and pure spirits; orange and white; put up in 2 1/2 ounce, quarter, half, and pint and quart bottles also in half gallon, gallon and five gallon stone jars and barrels.

### RAMSAYS VARN-OFF

A high quality paint and varnish remover which does not injure the surface of the finest woods, apply a coat over the old paint or varnish and allow to dry for about 10 minutes, then scrape the surface until clean. Put up in half pint, pint, quart, half gallon and gallon containers.





## Paints and Varnishes



## AGATE ALUMINUM PAINT

High grade aluminum bronze and liquid put up in separate container compartment cans, in eighth quarter, half, and one pint, quart, half and one gallons tins.



## AGATE GOLD PAINT

High grade gold bronze and liquid put up in separate container compartment cans, in eighth, quarter, half and one pint and quart tins.



## VERANDAH CHAIR PAINT

A splendid paint for all verandah and garden furniture, has a good gloss and is durable. Red and grey shades, sizes half pints, pints and quarts.



## RAMSAY SCREEN PAINT

Prepared for painting wire doors and window screens and other kinds of wire work. Shades black and green, sizes half pints and pints.



## D. B. ALUMINUM PAINT

Dutch Brand aluminum and gold paints produce an attractive finish, cover well, maintain their color, and are easily applied: packed one dozen in a corrugated carton.

Size, .....	1 oz	2 oz	$\frac{3}{4}$ pt
Aluminum, per doz., .....	1.80	3.00	6.00
Gold, per dozen, .....	2.40		



## D. B. GOLD PAINT



## GOLD LEAF SUBSTITUTE LIQUID

For mixing with bronze powder put up in quarter pint, half pint, one pint, quart, half gallons and gallons cans.



## UNICORN INTERIOR

A tough elastic waterproof finish which stands up well under very hard usage, does not turn white, mar, nor chip, dries hard overnight. Sizes half pints to five gallon cans.



## UNIVERSAL

A genuine varnish, manufactured from the finest of hard copal gums, has a high lustre, is durable, elastic, and waterproof, will stand hot and cold water and dries hard overnight, sizes half pint to five gallon cans.



## AGATE FLOOR

A sturdy finish for floors, drying with a high gloss and is very durable, easy of application and preserves the surface from the constant shuffling of feet for a longer period than other brands. Sizes half pint to five gallon cans.



## LIGHT HARD OIL

For interior woodwork requiring a high lustre, dries hard overnight, a satisfactory finish can be obtained with one coat over a filler. Sizes half pint to five gallon cans and in barrels.



# ALABASTINE

	5		17		9
	10		14		4
	38		15		13
	35		31		37
	44		39		42
	21		12		43
	33		18		40

Alabastine is a sanitary wall coating for all interior surfaces of plaster, wood, canvas, wall paper, etc.; it is the correct thing for beautifying apartments and other living quarters where pure air is a necessity and durability desired. For decorating school rooms, churches, halls and other such buildings it is very satisfactory, being a sanitary compound that will not harbor disease germs or insects. Alabastine is to be mixed with cold water and is ready for instant use, one five-pound package covering from 300 to 450 square feet according to smoothness of the surface. It is produced in 21 desirable shades, each one a permanent color, and one coat sufficient to produce a solid tint on ordinary walls. Anyone can apply Alabastine by following the directions on the package. Special designs for interior decorations and stencil catalogue will be gladly furnished by the makers on request.

## DIRECTIONS FOR USING ALABASTINE

Select the tints required for the side wall, border and ceiling of each room. Estimate the quantity required on the basis of one five-pound package covering 300 to 450 square feet according to surface. It should be mixed in about the proportion of one pint of cold water to one pound of goods, more specific instructions will be found on each package. Old coats are easily removed by saturating with warm water and then rubbing with a sponge. Alabastine can be re-coated at once as soon as the preceding coat dries out as it adheres strongly and will not lift or cut through in brushing.

## DIRECTIONS POUR L'EMPLOI DE L'ALABASTINE

Chosissez les teintes pour les murs, les bordures et le plafond de chaque piece. Un paquet de cinq livres peut couvrir une étendue de 300 à 450 pieds carrés, selon la condition de la surface. Un mur prendra naturellement plus d'Alabastine qu'un mur uni et non poreux. Les proportions du mélange sont une chopine d'eau froide à une livre d'Alabastine. Des instructions plus détaillées du mélange et de l'emploi seront trouvées sur chaque paquet. L'Alabastine, une fois mélangée, ne durcit pas. La température chaude ne la détériore pas, et peut être conservée pour une période illimitée. Pour une nouvelle décoration, les vieilles couches peuvent être facilement enlevées. D'abord saturez la surface avec de l'eau chaude puis frottez avec une éponge. Une nouvelle couche peut être appliquée aussitôt que la couche précédente est en voie de sécher; car L'Alabastine adhère bien aux murs et ne se soulève pas sous le pinceau.

Per case, containing 20 5-lb. packages, any shade .....\$.....

Per case, containing 40 2½-lb. packages, any shade .....\$.....

Per barrel, containing 325 lbs. in bulk, white only .....\$.....



## ALABASTINE OPALINE EFFECTS

	22	<b>No. 22</b> No. 5 Alabastine for background; for the Opaline effect use No. 35 Alabastine for the first color and No. 4 Alabastine for second color.		32	<b>No. 32</b> No. 9 Alabastine for background; for the Opaline effect use No. 39 Alabastine for the first color and No. 21 Alabastine for the second color.
	23	<b>No. 23</b> No. 17 Alabastine for background; for the Opaline effect use No. 21 Alabastine for the first color and No. 9 Alabastine for second color.		33	<b>No. 33</b> No. 31 Alabastine for background; for the Opaline effect use No. 9 Alabastine for first color and White Alabastine for the second color.
	24	<b>No. 24</b> No. 43 Alabastine for background; for the Opaline effect use No. 33 Alabastine for the first color and No. 9 Alabastine for second color.		35	<b>No. 35</b> No. 37 Alabastine for background; for the Opaline effect use Nos. 33, 31, 35 and 9 in the order named.
	25	<b>No. 25</b> White Alabastine for background; for the Opaline effect use No. 10 Alabastine for the first color and No. 15 Alabastine for the second color.		36	<b>No. 36</b> No. 15 Alabastine for background; for the Opaline effect use No. 31 Alabastine for the first color and No. 43 Alabastine for the second color.
	26	<b>No. 26</b> No. 43 Alabastine for background; for the Opaline effect use No. 14 Alabastine for the first color and No. 18 Alabastine for the second color.		37	<b>No. 37</b> No. 18 Alabastine for background; for the Opaline effect use No. 33 Alabastine for the first color and No. 17 Alabastine for the second color.
	27	<b>No. 27</b> White Alabastine for background; for the Opaline effect use No. 9 Alabastine for the first color and No. 10 Alabastine for the second color.		38	<b>No. 38</b> No. 35 Alabastine for background; for the Opaline effect use White Alabastine for the first color and No. 13 Alabastine for the second color.
	28	<b>No. 28</b> No. 18 Alabastine for background; for the Opaline effect use No. 21 Alabastine for the first color and No. 17 Alabastine for the second color.		40	<b>No. 40</b> No. 37 Alabastine for background; for the Opaline effect use No. 31 Alabastine for the first color and No. 9 Alabastine for the second color.
	29	<b>No. 29</b> No. 12 Alabastine for background; for the Opaline effect use No. 14 Alabastine for the first color and No. 21 Alabastine for second color.		41	<b>No. 41</b> No. 17 Alabastine for background; for the Opaline effect use No. 31 Alabastine for the first color and No. 9 Alabastine for the second color.
	30	<b>No. 30</b> No. 33 Alabastine for background; for the Opaline effect use No. 14 Alabastine for the first color and No. 13 Alabastine for second color.		42	<b>No. 42</b> No. 18 Alabastine for background; for the Opaline effect use No. 31 Alabastine for the first color and No. 35 Alabastine for the second color.
	31	<b>No. 31</b> No. 44 Alabastine for background; for the Opaline effect use White Alabastine for the first color and No. 4 Alabastine for second color.		19	<b>No. 19</b> White Alabastine for background; for the Opaline effect use No. 21 Alabastine, then size with two coats of white glue and varnish with flat varnish.

SUPER

Beauty & Superior to other  
finest of grade

Put up

Ivory to Black.  
Ivory Deep Black.  
C. P. Drop Black.  
Refined Lamp Oil.  
Prussian Blue.  
Ultramarine Blue.  
Chinese Blue.  
Vandyke Brown.  
Italian Senna.  
Turkey Umber.  
Couch Painters' Blue.  
American Vermilion.  
English Vermilion.  
Wine Color.  
Venetian Red.  
Turaco Red.  
Couch Painters' Red.  
Auto Grey L. M.  
Canary Yellow.  
Golden Ochre.  
Yellow Ochre.  
Rose Pink.

Couch Painters' Blue.  
Drop Black, Powder.  
Drop Black, Powder.  
Ultramarine Blue.  
Ultramarine Blue.  
Vandyke Brown.  
Brunswick Green.  
Chrome Green L.  
French Imperial Green.  
Spirite Ochre.  
Golden Ochre.  
Unicorn Magnet.  
Bowl Rose Pink.  
Ordinary Venetian.  
Raw Italian Senna.  
Burnt Turkey Umber.

PURE

Put up in 1 lb. 2 1/2

No. 1

Put up in 1 lb. 2 1/2

PURE WHITE

For exterior and  
3 Gal. and larger

PAT

Put up in 25 lb.



## Miscellaneous Paints

### SUPERFINE COACH COLORS IN JAPAN

Ramsay's Superfine Coach Colors will be found far superior to others in regard to purity of ingredients, fineness of grinding and general results.

Put up in 1 lb, 5 lb & 10 lb pressed cans

Ivory Jet Black.  
Ivory Drop Black.  
C. P. Drop Black.  
Refined Lamp Black.  
Prussian Blue.  
Ultramarine Blue.  
Chinese Blue.  
Vandyke Brown.  
Italian Sienna, Raw & Burnt.  
Turkey Umber, Raw & Burnt.  
Coach Painters' Green L. M. & D.  
American Vermilion L. & D.  
English Vermilion L. M. & D.  
Wine Color.  
Venetian Red.  
Tuscan Red.  
Coach Painters' Red.  
Auto Grey L. M. & D.  
Canary Yellow.  
Golden Ochre.  
Yellow Ochre.  
Rose Pink.

### RAMSAY COLORS IN OIL

These colors are absolutely pure. They are ground with the most improved machinery with great care and attention. They are strong, durable, uniform, free from grit, soft and fresh and are made for the best class of painting and decorating.

Put up in 1, 2, 5, 12½ & 25 lbs tins

Ivory Drop Black.  
Drop Black.  
Refined Lamp Black.  
Prussian Blue.  
Ultramarine Blue.  
Vandyke Brown.  
Italian Sienna, Raw and Burnt.  
Turkey Umber, Raw and Burnt.  
Chrome Green L. M. & D.  
Imperial Green.  
Victory Green L. M. & D.  
Empire Shutter Green L. M. & D.  
English Vermilion L. & D.  
American Vermilion L. & D.  
Chrome Yellow L. M. D. & O.  
Golden Ochre.  
French Spruce Ochre.  
Yellow Ochre.

#### Graining Colors :—

Light Oak, Dark Oak, Walnut, Chestnut, Ash, Mahogany, Flake White.

### THISTLE COLORS IN OILS.

These are excellent colors of a second quality. Are ground with the greatest of care and canned ready for shipment in 1 lb, 12½ lb & 25 lbs. tins bearing attractive labels.

Drop Black.  
Lamp Black.  
Ultramarine Blue.  
Vandyke Brown.  
Raw Sienna.  
Burnt Sienna.  
Raw Umber.  
Burnt Umber.  
Imperial Green M.  
Indian Red.  
Venetian Red.  
Chrome Yellow L. M. D.  
Golden Ochre.  
Yellow Ochre.  
Super Spruce Ochre.  
Vermilion.  
Light Oak and Dark Oak Graining.

## DRY COLORS

	Barrels	100 lbs Boxes	Per lb in 6 lbs tins
Coach Painters' Lamp Black	\$ 1.00	\$ 1.00	\$ 1.00
Drop Black, Powdered, best	\$ 1.00	\$ 1.00	\$ 1.00
Drop Black, Powdered, No. 1	\$ 1.00	\$ 1.00	\$ 1.00
Ultramarine Blue M 2	\$ 1.00	\$ 1.00	\$ 1.00
Ultramarine Blue Unicorn	\$ 1.00	\$ 1.00	\$ 1.00
Vandyke Brown, Best, American	\$ 1.00	\$ 1.00	\$ 1.00
Brunswick Green L. M. D.	\$ 1.00	\$ 1.00	\$ 1.00
Chrome Green L. M. D.	\$ 1.00	\$ 1.00	\$ 1.00
French Imperial Green L. M. D.	\$ 1.00	\$ 1.00	\$ 1.00
Spruce Ochre	\$ 1.00	\$ 1.00	\$ 1.00
Golden Ochre	\$ 1.00	\$ 1.00	\$ 1.00
Unicorn Magnetic Red Oxide	\$ 1.00	\$ 1.00	\$ 1.00
Best Rose Pink	\$ 1.00	\$ 1.00	\$ 1.00
Ordinary Venetian Red	\$ 1.00	\$ 1.00	\$ 1.00
Raw Italian Sienna	\$ 1.00	\$ 1.00	\$ 1.00
Burnt Turkey Umber	\$ 1.00	\$ 1.00	\$ 1.00

### PURE WHITE ZINC IN OIL

Put up in 1s 2s 5s 12½s and 25 lbs tins.

### No. 1.—WHITE ZINC IN OIL

Put up in 1s, 2s, 5s, 12½s and 25 lbs tins.

### PURE WHITE PAINT SEMI PASTE

For exterior and interior use. Put up in ½ gal, Gals., 5 Gals and barrels.

### PAINTERS FLAT WHITE

Put up in 25 lb. Penny lever. Top tin's only.

### RAMSAY WATER GLASS

For preserving eggs. Follow directions on can.  
Sizes, 1 lb and 2 lbs packed in neat. Cartons containing 1 dozen each.

### PINE TAR

Sizes, ½ pts, 1 pts, qts, ½s gals, 5s and barrels.

### COAL TAR

Sizes, ½ pts, pts, qts, ½s gals, 5s and barrels

### RAMSAY MARKING INK

In Paste Form requiring only the addition of water, benzine or turpentine when ready for use with ordinary stencil brush. Put up in 1 lb, 12½ & 25 lbs tins.

### RAMSAY LOG PAINT

For painting ends of logs. Sizes, gallons, fives and barrels.

### RAMSAY CRACK FILLER

Unshrinkable Filler for Floors, etc.

Sizes, 1 lb, 2 lbs & 5 lbs tins.

### RAMSAY ROUGH STUFF LIQUID

For use on carriage work.

Put up in ½ gal. and gal. tins.

### RAMSAY FLAT BRICK PAINT

Specially prepared for use on Brick, Stone or Metal surfaces making a hard and durable finish and giving same the appearance of brick.

Sizes, gallons, five gallons and barrels.

### RAMSAY MARINE GLUE

For paying the deck seams and sides of yachts and Boats of all descriptions. Can also be used for stable and Hospital floors, etc.

Sizes, 1 lb, 2 lbs, 5 lbs, 25 lbs, 50 lbs, 100 lbs tins and barrels.

### RAMSAY MARINE GLUE THINNER

For use in Thinning Ramsay's Marine Glue.

Sizes, ½ pt, pt, qts, ½ gal. and gals.

### RAMSAY CANVAS PRESERVATIVE

For preserving canvas awnings, etc.

Sizes, gallons, fives and barrels.

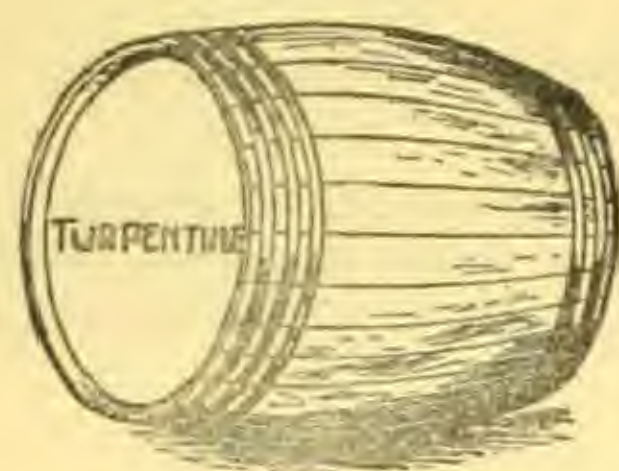
### DAMP RESISTING PAINT

For use on all brick, stone work or cement, inside or out, preventing dampness from penetrating.

Sizes, ½ Gals., Gals., 5 Gals., and Barrels.



## Paint Materials Etc.



Pure spirits of turpentine; best quality; barrels contain about 40 gallons.

Sizes	Per gallon	Container extra
Five gallons	P. O. A.	



Raw or Boiled; pure, crushed from best flaxseed; barrels contain about 40 gallons.

Sizes	Raw Boiled Container
	per gal. per gal. extra
Five gallons	\$ P. O. A.



GERMANTOWN Lamp black; specially selected for painters' use.

Size, lbs.	1 1/2	1 1/2	1
Per pound	\$ .85	.70	.56

SWEDISH Lamp black; for stencilling and marking purposes.

Size, lbs.	1 1/2	1 1/2	1
Per pound	\$ .36	.36	.34

50 lbs in a barrel.



White lead; ground in oil; for painters and decorators use.

TIGER	Per 100 lbs	\$
DECORATOR'S PURE	Per 100 lbs	\$
DECORATOR'S SPECIAL	Per 100 lbs	\$
MAPLE LEAF	Per 100 lbs	\$

One ton lot prices on request.

25 lbs in an iron



Putty; ground in linseed oil; for glazing and painters use.

Bulk in Barrels	Per 100 lbs	\$ 8.50
Bulk in 100 lb. Drums	Per 100 lbs	\$ 9.50
Bulk in 25 lb. Drums	Per 100 lbs	\$10.00
Bulk in 12 1/2 lb. Drums	Per 100 lbs	\$10.50
Bladders in Barrels	Per 100 lbs	\$12.00
Bladders in Kegs	Per 100 lbs	\$12.50



Dy-o-la Dye; for wool or cotton; fast and brilliant; colors; easily used; full directions on each package.

Per dozen	\$1.50
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One dozen in a box.

Stock cabinets as illustrated supplied to dealers with an order of 12 dozen.

Dy-o-la Straw hat dye; for straw hats or fabric; fine lustre shades; fast colors; in bottles containing 2 1/2 ounces.

Per dozen	\$4.00
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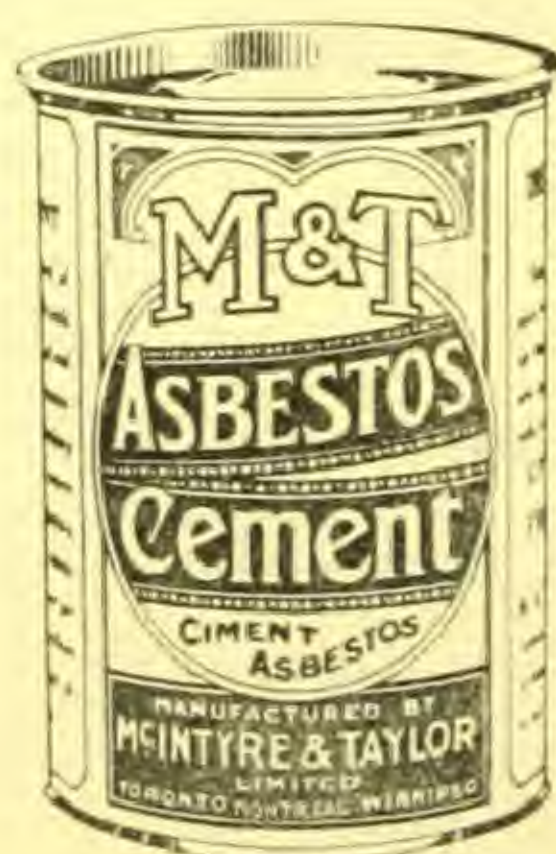
One dozen in a box.



M. & T. Asbestos stove lining; ready for use by mixing with water; for repairing linings in stoves; does not burn out; dries quickly.

3 lb. packages	Per dozen	\$ 4.00
6 lb. packages	Per dozen	\$ 6.50
10 lb. packages	Per dozen	\$11.00

One dozen in a box.



M. & T. Asbestos Stove cement; in plastic form ready for use; for lining or repairing linings of stoves, furnaces, etc; also used for laying and facing fire brick.

1 lb. tins	Per dozen	\$3.50
2 lb. tins	Per dozen	\$5.30
5 lb. tins	Per dozen	\$9.50

one pound three dozen; other sizes one dozen

in a box.

DIAMOND Dye; for wool or cotton materials of all kinds; fast shades; reliable quality; full directions on each package.

Per dozen	\$2.26
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One dozen in a box.



RAMCO Straw hat dye; for straw hats, etc; easily applied; in bottles containing 2 1/2 ounces.

Per dozen	\$4.00
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One dozen in a box.



## Glass Cutters



No. 024.—Red Devil; red enamelled handles; polished head; single wheel; with rack; for cutting all grades of sheet glass; weight per dozen  $\frac{3}{4}$  lb. Per dozen \$1.00

One dozen in a box.



No. 37.—Turret head six wheel cutter; mahogany finished handle; with rack; weight per dozen 1 lb. Per dozen \$5.50



No. 035.—Engineers tube cutter; cuts tubes up to 5 inches long; length over all  $7\frac{1}{2}$  inches; nickel plated finish; weight per dozen 2 lbs. Per dozen \$5.50

One in a box.



No. 033.—Circular glass cutter; adjustable steel head and rod; enamelled wood base and handle; cuts circles 2 to 20 inches in diameter; weight per dozen  $2\frac{1}{2}$  lbs. Per dozen \$8.50

## Glaziers Diamonds



No. 1.—Small size; diamond points; swivel head; with rack; rosewood handle; length over all  $7\frac{1}{4}$  inches; for beginners or light work; weight 1  $\frac{1}{2}$  ounces. Each \$6.00

No. 2.—Medium size; for general use; each \$7.00

NOTE.—Our glass diamonds are tested before shipment and are in good cutting condition, and owing to their being easily damaged, we can not accept return or exchange.



Infallible; small size diamond point; guide roller ensures its proper angle; racked head; rosewood handle; length over all  $3\frac{1}{2}$  inches; weight 1 ounce. Each \$5.00

## Putty Knives



No. 135.—Polished steel blade; red stained handle; brass capped ferrule; length of blade  $3\frac{1}{2}$  inches; weight per dozen  $1\frac{1}{2}$  lbs. Per dozen \$2.50



No. 826.—Polished crucible steel blade; square point; natural beechwood handle; length of blade  $3\frac{1}{2}$  inches; weight per dozen 2 lbs. Per dozen \$4.80



No. 927.—Fine quality forged steel blade; square point; polished; coco-bolo handle; metal bolster; length of blade  $3\frac{1}{4}$  inches; weight per dozen 2 lbs. Per dozen \$11.00

One dozen in a box.



No. 980.—High grade crucible steel blade; square point; polished; coco-bolo handle; steel bolster; length of blade  $3\frac{5}{8}$  inches; weight per dozen  $2\frac{1}{2}$  lbs. Per dozen \$12.00

## Wall Scrapers



No. 125.—Tempered steel blade  $3\frac{1}{2}$  inches wide; natural beech handle; weight per doz 4 lbs. Per dozen \$3.50

One dozen in a box.



No. 0397.—Polished scale tang blade; fine crucible steel; width of blade 3 inches; coco handle; weight per dozen  $3\frac{1}{2}$  lbs. Per dozen \$13.50

Half dozen in a box.



## Flat Varnish Brushes

**"D";** white French bristles; set in cement; tin ferrules; plain handles.

Size, inches	1	1 1/2	2
Length, out, inches	1 1/4	1 3/4	1 1/2
Weight per dozen, lbs.	1 1/2	3/4	1
Per dozen	\$1.10	1.55	1.90

**Tycoon;** black Chinese bristles; set in cement; tin ferrules; yellow handles.

Size, inches	1	1 1/2	2	2 1/2	3
Length, out, inches	1 1/4	1 3/4	2 1/4	2 3/4	2 1/2
Weight per dozen, lbs.	1	1 1/4	1 3/4	2	2 1/2
Per dozen	\$2.05	3.35	5.25	6.70	8.50

**China;** black Chinese bristles; set in cement; nickelled ferrules; red polished handles.

Size, inches	1	1 1/2	2	2 1/2	3
Length, out, inches	1 1/4	1 3/4	2 1/4	2 3/4	2 1/2
Weight per dozen, lbs.	1	1 1/4	1 3/4	2 1/4	2 3/4
Per dozen	\$2.85	4.10	5.85	7.55	9.45

**Blackhawk;** best quality black Chinese bristles; set in rubber; nickelled ferrules; polished cherry handles.

Size, inches	1	1 1/2	2	2 1/2
Length, out, inches	1 1/4	1 3/4	2 1/4	2 3/4
Weight per dozen, lbs.	1	1 1/4	1 3/4	2 1/4
Per dozen	\$6.00	8.65	13.00	18.50

**Lark;** very finest grade of black Chinese bristles; set in rubber; nickelled ferrules; green polished handles.

Size, inches	1 1/2	2	2 1/2	3
Length, out, inches	1 3/4	2 1/4	2 3/4	2 1/2
Weight per dozen, lbs.	1 1/4	1 3/4	2 1/2	3 1/4
Per dozen	\$5.00	7.20	9.50	13.00

**CROW;** black bristles; set in cement; tin ferrules; yellow handles.

Size, inches	1	1 1/2	2	2 1/2
Length, out, inches	1 1/4	1 3/4	1 3/4	1 3/4
Weight per dozen, lbs.	3/4	1	1 1/4	1 1/4
Per dozen	\$1.25	1.85	2.75	3.65

**Zulu;** black Chinese bristles; set in cement; tin ferrules; black enamelled handles.

Size, inches	1	1 1/2	2	2 1/2	3
Length, out, inches	1 1/4	1 3/4	1 3/4	1 3/4	1 3/4
Weight per dozen, lbs.	3/4	1	1 1/4	1 3/4	2 1/4
Per dozen	\$2.00	2.60	3.50	4.55	5.45

**Gem;** white French bristles; set in cement; nickelled ferrules; polished cherry handles.

Size, inches	1	1 1/2	2	2 1/2	3
Length, out, inches	1 1/4	1 3/4	1 3/4	1 3/4	1 3/4
Weight per dozen, lbs.	1	1 1/4	1 3/4	2	2 1/2
Per dozen	\$3.15	4.20	5.45	7.15	8.80

**Linnet;** assortment containing four dozen flat varnish brushes in a compartment display box as illustrated.

1 dozen 1	inch to retail for 10 cts.
1 dozen 1 1/2	inch to retail for 15 cts.
1 dozen 2	inch to retail for 20 cts.
1/2 dozen 2 1/2	inch to retail for 25 cts.
1/2 dozen 2 1/2	inch to retail for 35 cts.

Weight per assortment 5 lbs.

Per assortment \$12.80



# Paint Brushes

## OVAL VARNISH



ONYX; Best black Chinese bristles; set in cement; nickelled seamless ferrules; varnished beavertail handles.

Number	2	3	4
Diameter, inches	1 1/4	1 3/4	1 3/4
Length out, inches	2 3/8	2 3/8	2 3/8
Weight per dozen, lbs	1 3/4	1 3/4	2
Per dozen	\$8.00	9.00	11.30

Number	5	6	7
Diameter, inches	1 3/4	1 3/4	2
Length out, inches	2 3/8	3	3 3/8
Weight per dozen, lbs	2 1/2	3 3/4	4
Per dozen	\$16.60	21.40	26.90

## OVAL PAINT



OSPREY; Black Chinese bristles; set in cement; wire ferrules; varnished beavertail handles.

Number	7	5	3	1
Diameter, inches	1 3/4	1 1/4	1 1/4	1 1/4
Length out, inches	2	2	2 1/4	2 3/8
Weight per dozen, lbs	1 3/4	1 1/4	1 1/4	1 3/4
Per dozen	\$3.80	4.84	7.44	10.20

Number	20	40	60
Diameter, inches	1 3/4	1 3/4	1 3/4
Length out, inches	2 3/8	3 3/4	3 3/8
Weight per dozen, lbs	2 1/2	3	4
Per dozen	\$15.30	22.70	42.90

## FLAT WALL



CROW; black bristles; set in cement; tin ferrules; yellow stained handles.

Size, inches	2 1/2	3	3 1/2	4
Length out, inches	2 1/4	2 1/4	2 3/8	2 3/8
Weight per dozen, lbs	3	3 1/2	4	4 1/2
Per dozen	\$5.00	6.00	8.30	10.10

## FLAT WALL



CHINA; Black Chinese bristles; set in cement; nickelled ferrules; red polished handles.

Size, inches	2 1/2	3	3 1/2	4
Length out, inches	2 1/4	2 1/4	2 3/8	3
Weight per dozen, lbs	3 1/4	3 3/4	4 1/2	5
Per dozen	\$7.80	10.30	12.60	16.80



ZULU; Black Chinese bristles; set in cement; tin ferrules; red polished handles.

Size, inches	2 1/2	3	3 1/2	4
Length out, inches	2 1/4	2 1/4	2 3/8	2 3/8
Weight per dozen, lbs	3	3 1/2	4 1/4	4 3/4
Per dozen	\$5.70	7.86	9.70	11.76



KOREA; Good quality of black Chinese bristles; set in cement; nickelled ferrules; yellow polished handles.

Size, inches	2 1/2	3	3 1/2	4
Length out, inches	2 1/4	2 3/4	3 3/8	3 1/4
Weight per dozen, lbs	3 1/4	4	4 3/4	5 1/2
Per dozen	\$10.10	13.40	18.00	26.00



MIKADO; Best black Chinese bristles; set in rubber; nickelled ferrules; walnut polished handles.

Size, inches	2 1/2	3	3 1/2	4
Length out, inches	2 3/4	3 1/4	3 3/4	3 3/4
Weight per dozen, lbs	3 1/2	4 3/4	4 3/4	5 1/4
Per dozen	\$13.00	20.60	28.50	39.50



NIGHTINGALE; Extra quality black Chinese bristles; set in rubber; nickelled ferrules; red polished handles.

Size, inches	3	3 1/2	4	4 1/2
Length out, inches	3 1/2	3 3/4	4	4 3/8
Weight per dozen, lbs	4 1/2	5	5 1/2	6
Per dozen	\$37.80	50.80	67.20	90.30

## Home Assortment

No. 1; contains one third dozen each of 2 1/2, 3, and 3 1/2 inch wall brushes; to retail for 40, 50 and 65 cents each; black bristles, set in cement; red polished handles; in hinged covered compartment display box similar to Linnet varnish brush case; weight per assortment 5 lbs.

Per assortment	\$8.20
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## Miscellaneous Brushes

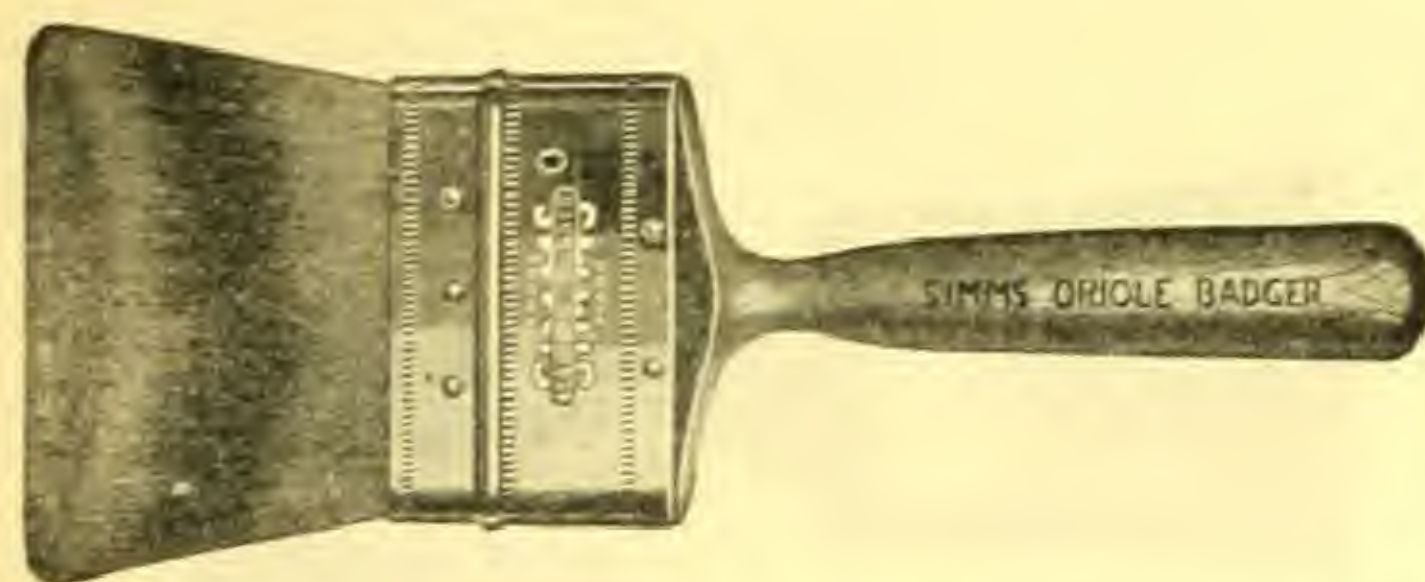
## ROUND SASH TOOLS



EXTRA: French bristles; set in cement; steel ferrules; plain handles.

Number	1	3	5	7
Length out, inches	1 3/4	1 5/8	1 5/4	1 5/4
Weight per dozen, lbs.	2 1/4	5 1/8	1	1 1/4
Per dozen	\$1.50	1.85	2.30	2.75

## FLOWING VARNISH



ORIOLE: fine quality camel hair; set in rubber; nickelled ferrules; polished cherry handles.

Size, inches	1 1/2	2	2 1/2
Length out, inches	1 1/4	1 3/4	1 1/2
Weight per dozen, lbs.	2	2 1/2	2 1/2
Per dozen	\$20.00	23.50	36.00

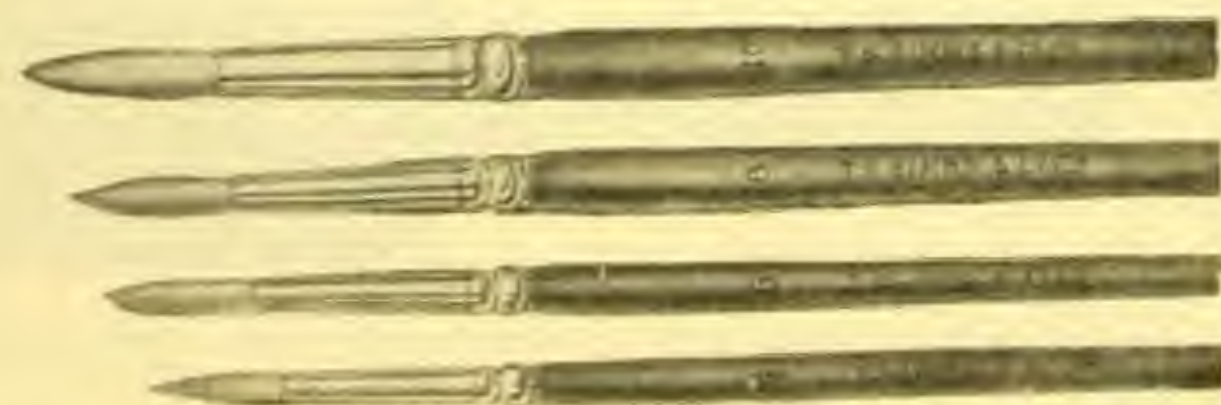
## PAINTERS DUSTERS



CYCO: grey bristles; white outside; size of block 3 1/2 x 2 1/2 inches; length out 1 inches; wire drawn; yellow varnished handle; weight per dozen 3 1/2 lbs.

Per dozen	\$27.00
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## ARTISTS



ROUND: white bristles; tin ferrules; red polished handles.

Number	4	6	8	10
Weight per dozen, lbs.	1 1/4	3 1/4	3 1/4	5 1/4
Per dozen	\$ P. O. A.			

## OVAL SASH TOOLS



ONYX: Best Black Chinese bristles; set in cement; nickelled ferrules; polished cherry handles.

Number	1	2	3	4
Length out, inches	1 1/2	1 5/8	1 5/4	1 5/4
Weight per dozen, lbs.	2 1/4	5 1/8	1	1 1/4
Per dozen	\$2.00	2.20	2.45	3.00
Number	5	6	7	8
Length out, inches	1 3/4	1 3/4	2	2 1/4
Weight per dozen, lbs.	1	1 1/4	1 1/4	1 1/2
Per dozen	\$3.60	4.00	5.00	5.90

## BRONZING



CROW: soft white horsehair; set in cement; nickelled ferrules; plain wood handles; for bronzing radiators, coils, picture frames, bric-a-brac, etc.

Size, inches	1	1 1/2	2
Length out, inches	1 1/4	1 3/4	1 3/4
Weight per dozen, lbs.	1	1 1/4	1 1/2
Per dozen	\$3.70	4.70	6.30

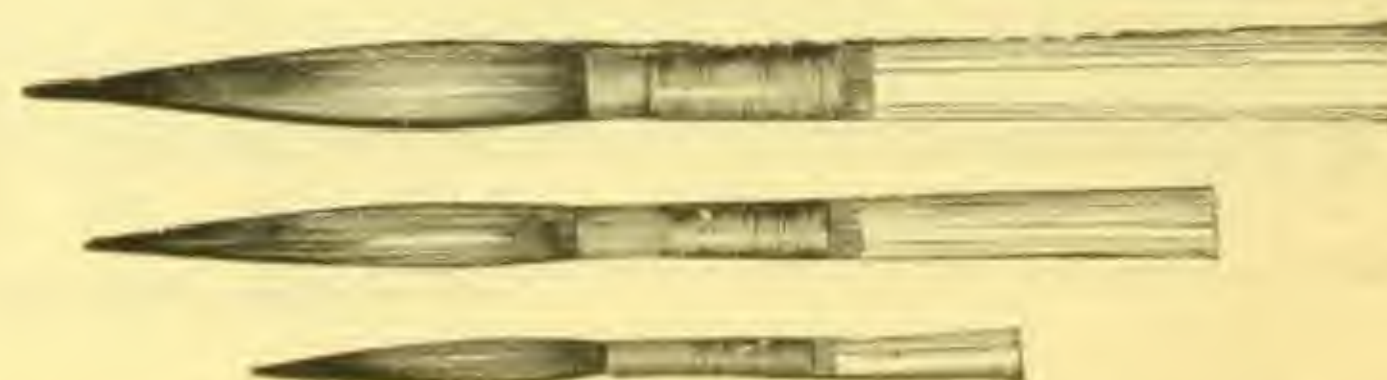
## PAPERHANGERS



JET: black bristles with soft ends; set in pitch; 2 rows; yellow varnished hardwood blocks; width 10 inches; length out 1 1/2 inches; weight per dozen 5 lbs.

Per dozen	\$13.50
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## LETTERING



SUPERFINE: camel hair; in quill handles; green silk and silver bound; hair 3/4 to 1 1/2 inches long.

Number	2	4	6
Weight per dozen, ozs.	1/2	3/4	1
Per dozen	\$ P. O. A.		







TOOL  
BUILD  
AUT

Abrasive  
Absorb  
Acceler  
Adjust  
" Cal  
" W  
Adze H  
Adzes  
" Sh  
Air Coo  
" Ga  
" Bl  
Alabasti  
Alarm F  
" Ch  
Alcove  
Alumin  
Ammete  
Ammun  
Anchors  
Angle Va  
Ankle Su  
Anti-Rat  
" Car  
Anvil To  
" Vis  
Anvils, B  
Aprons  
Artists  
Asbestos  
" Sad  
" Wic  
Ash Siev  
Assembly  
Assortme  
" Key  
" Pad  
Attachm  
" St  
Auger Bit  
Augers, B  
" Eye  
" Holl  
" Post  
" Ship  
Automati  
" Lope  
Automobi  
Axl Handl  
Axls and  
" Brad  
" Har  
" Peg  
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Awning C  
" Pulle  
Axe Handl  
" Stone  
" Wesh  
Axes  
" Ben  
" Boys  
" Br  
" Cana  
" Doub  
" Hand  
" Hont  
Axe Bearin  
" Clip T  
" Clips  
" Greas  
" Pulley  
" Wash  
Axles



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